Jonathan's Computer Centers
254 Tilton Rd.
Northfield, NJ 08225
(609) 383-1200

The Computer Ark
1921 New Rd.
Northfield, NJ 08225
(609) 641-4300 FAX: (609) 641-2356
Tommi Dilliplane/Larry Dilliplane

Computer Corner of New Jersey
439 Rt. 23 S.
Pompton Plains, NJ 07444
(201) 835-7080

The MDI Computer Store, A MicroAge Affiliate
432 Broad St.
Shrewsbury, NJ 07701
(201) 747-6745

New Mexico

Computerworks
823 New York
Alamogordo, NM 88310
(505) 437-2911

Connecting Point
5901 Pan American Fwy. N.E., Ste. D-7
Albuquerque, NM 87109
(505) 345-7888
Veronica Steimle

Rocky Mountain Computers
2109 Wyoming N.E.
Albuquerque, NM 87112
(505) 292-2775
Roxann Morris

Stonehenge Systems
89 Summit Ave.
Summit, NJ 07901
(201) 277-1020

Computer Campus
537 Greentree Rd.
Turnersville, NJ 08012
(609) 232-0166
Joe Valentino

TransNet Corporation
1945 Rt. 22 W.
Union, NJ 07083
(201) 688-7800
Steve Morse

The Micro Connection
Connecting Point - Farmington
3501 E. Main St.
Farmington, NM 87401
(505) 326-9148
Franklin Woodis

Computerworks
1616 Mesilla Valley Mall
Las Cruces, NM 88001
(505) 522-0024

Southeastern Business Systems, Inc.
117 W. Third
Roswell, NM 88201
(505) 624-0732

Repair/Service
Software
Training
Third-Party Hardware

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New York
BusinessLand
Stuyvesant Plaza
Albany, NY 12203
(518) 438-0010
Kathryn Kuhrt
RYST3

NYNEX Business Centers
59 Wolf Rd.
Albany, NY 12205
(518) 458-2222
David Polley
R3

The Computer Factory
1492 Central Ave.
Albany, NY 12205
(518) 869-3818
Ron Ben-Yishay
RYST3

Computer Systems
4891 Transit Rd.
Depew, NY 14043
(716) 668-6756
RYST3

Custom Computer Specialists
1775 Express Dr. N.
Hauppauge, NY 11788
(516) 582-6699
RYST3

Adwell Communications
158 Main St.
Hempstead, NY 11550
(516) 485-7100
Alison Wells
RYST3

Data Place, Inc.
943 Sunrise Hwy.
Lynbrook, NY 11563
(516) 593-8300
Leslie Kirkgasser
RYST3

Byte Shop
1732 Sunrise Hwy.
Merrick, NY 11566
(516) 379-2983
RYST3

The Computer Edge, Inc./
Connecting Point
41 S. Moger Ave.
Mt. Kisco, NY 10549
(914) 666-6337
Tony Garone/Carole Epstein
RYST3

The Computer Outlet Business
Center/MicroAge
63 S. Main St.
New City, NY 10956
(914) 638-2158
RYST3

Microcomputer Publishing Center, Inc.
4 W. 20th St.
New York, NY 10011
(212) 463-8585
Kyra Freeburg
R

P.C.S.I.
26 W. 23rd St.
New York, NY 10010
(212) 475-8977
Frank Costa/Frank Conti
RYST3

Sonocraft Corp.
360 W. 31st St.
New York, NY 10001
(212) 760-9300
FAX: (212) 564-9488
Damian A. Costanzo
RYST

Blumenthal's Connecting Point
234 N. Union St.
Olean, NY 14760
(716) 375-4600
RYST3
Computer Emporium
356 Windsor Hwy.
Vails Gate, NY 12584
(914) 562-3131
R S T 3

Micro World Computer Store Inc.
1905 Vestal Pkwy. E.
Vestal, NY 13850
(607) 757-0500
R S T 3

**North Carolina**

Carolina Computer Stores
Cary Village Sq.,
700 Western Blvd. Ext.
Cary, NC 27511
(919) 469-5555
R S 3

Carolina Computer Stores
5236 E. Independence Blvd.
Charlotte, NC 28212
(704) 467-1555
R S 3

The Computeroom, Inc.
3601 E. Independence Blvd.
Charlotte, NC 28205
(704) 532-1600
R S T 3

Carolina Computer Stores
4125 Chapel Hill Blvd.
Durham, NC 27707
(919) 493-5466
R S 3

**North Dakota**

Rolandson Computer Center
3301 13th Ave. S.
Fargo, ND 58103
(701) 234-0772
Kevin Kruger
R S T

The Computer Factory
2361 Central Park Ave.
Yonkers, NY 10710
(914) 793-1300
Patrick W. Cercione

Carolina Biological Supply Company
2700 York Rd.
Burlington, NC 27215
(919) 548-0067
R S T 3

Byte Shop
2604 Battleground Ave.
Greensboro, NC 27408
(919) 288-0018
David Skeels
R S T 3

Computer Shoppe
615 Guilford-Jamestown Rd.
Greensboro, NC 27409
(919) 299-4843
R S T 3

Carolina Computer Stores
North Hills Shopping Plaza,
4421 Six Forks Rd.
Raleigh, NC 27609
(919) 782-5555
R S 3

---

R Repair/Service
S Software
T Training
3 Third-Party Hardware

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Ohio

Wyse Book & Office Supplies, Inc.
P.O. Box 157, 1409 S. Defiance St.
Archbold, OH 43502
(419) 446-2757
R S T 3

Vere Smith/ Connecting Point
16 W. Union St.
Athens, OH 45701
(614) 593-7708
R S T 3

Personal Computer/ Connecting Point
7178 West Blvd.
Boardman, OH 44512
(216) 758-6607
Alex R. Sabo
R S T 3

Cincinnati Computer Store
17111 Princeton Pk.
Cincinnati, OH 45246
(513) 671-6440
R S 3

Cincinnati Computer Store
7338 Kenwood Rd.
Cincinnati, OH 45236
(513) 793-8220
R S T 3

ComputerLand
333 E. Kemper Rd.
Cincinnati, OH 45246
(513) 671-7211
Judy Moore
R S T 3

Health/ Zenith Computers
28100 Chagrin Blvd.
Cleveland, OH 44122
(216) 292-7553
R S 3

J.R. Holcomb & Company
3205 Harvard Ave.
Cleveland, OH 44105
(216) 341-3000
R S T 3

Microcenter - Perscom Dept.
1555 W. Lane Ave.
Columbus, OH 43221
(614) 481-4409 or (614) 481-4411
R S 3

Micro Computer Center
1520 State Rt. 725
Dayton, OH 45459
(513) 435-9355
Leo Chico
R S

Abacus II/ Connecting Point
332 S. Main St.
Findlay, OH 45840
(419) 424-0222
R S 3

The Computer Connection
1206 W. Robb Ave.
Lima, OH 45801
(419) 222-6464
Bill Christiansen/David Miller
R S T 3

ComputerLand of Mansfield
695 N. Lexington-Springmill Rd.
Mansfield, OH 44906
(419) 529-8009
Gay Bientz
R S 3

Computers 'n Such
1118 Lincoln Way E.
Massillon, OH 44646
(216) 832-7467
John Keener
R S T 3

CBM Computer Center
7673 Mentor Ave.
Mentor, OH 44060
(216) 946-1722
R S T 3

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**Oklahoma**

Enid Data Systems, Inc.
201 N. Grand
Enid, OK 73701
(405) 233-1125

Mike O'Brien

Dowling's Computer Center, Inc.
304 S. Air Depot Blvd.
Midwest City, OK 73110
(405) 737-8844

Tony Lowe

Computers/Associates
2301 W. Main
Norman, OK 73069
(405) 360-6818 or (800) 522-0760 in Oklahoma

Annette Schwiebert/Connie Rowe

**Oregon**

The Computer Store - Corvallis
2305 N.W. Kings Blvd.
Corvallis, OR 97330
(503) 754-0811

ComputerLand of Eugene
844 Olive St.
Eugene, OR 97401
(503) 485-5591

The Computer Store of Eugene
61 W. 8th Ave.
Eugene, OR 97401
(503) 343-1434

ComputerLand of Hood River
1936 12th St.
Hood River, OR 97031

(503) 386-9311

Colleen Wells

Abacus II/ Connecting Point
4751 Monroe St.
Toledo, OH 43623
(419) 471-0082

Connecting Point
10944 N. May
Oklahoma City, OK 73120
(405) 751-2781

Connecting Point of Stillwater
121 S. Main St.
Stillwater, OK 74074
(405) 743-3790 or (800) 284-5828

National

Sam Hamilton

ComputerOne
7114 S. Mingo
Tulsa, OK 74133
(918) 250-1140

Larry Payne/Willie Rauchweger

Microworks/Connecting Point
259 Barnett Rd., Ste. 3
Medford, OR 97501
(503) 7739861

ComputerLand of Portland
206 S.W. Morrison
Portland, OR 97204
(503) 295-1298

The Computer Store - Portland
700 N.E. Multnomah St., Ste. 190
Portland, OR 97232
(503) 238-1200
Pennsylvania

McCartney's Connecting Point
819 Howard Ave.
Altoona, PA 16601
(814) 949-6111

R S T 3

The Computer Store
832 W. Lancaster Ave.
Bryn Mawr, PA 19010
(215) 527-5041

R 3

General Computer Centers, Inc.
3552 Old Gettysburg Rd.
Camp Hill, PA 17011
(717) 769-4191

R S T 3

Sunrise Computers/Connecting Point
1048 Lincoln Way E.
Chambersburg, PA 17201
(717) 267-1341
Todd Orner

R S T 3

Solutions Computer Center
33 N. Main St.
Doylestown, PA 18901
(215) 345-4411
R S

Bundy Typewriter & Computer
Pilgrim Gardens Ctr.
Drexel Hill, PA 19026
R S T 3

T.J. Business Systems
Rt. 40E. of Brownsville, Box 699
Grindstone, PA 15442
(412) 785-5311
R S T 3

Computerware Inc./CPA
Old York & Wyncoate Rds.
Jenkintown, PA 19046
(215) 886-6000
FAX: (215) 572-7789
R S 3

Computer Campus
400 Goddard Blvd.
King of Prussia Mall
King of Prussia, PA 19406
(215) 265-6311
Nancy Reither

R S T 3

Computerware Inc./CPA
125 North Gulph Rd.
King of Prussia, PA 19406
(215) 962-5500
FAX: (215) 962-5508
R S T 3

General Computer Centers, Inc.
Foxshire Plaza, Fruitville Pk.
Lancaster, PA 17601
(717) 569-1895

R S T 3

Computerware Inc./CPA
512 N. Oxford Valley Rd.
Langhorne, PA 19047
(215) 741-4900
FAX: (215) 741-6190
R S T 3

T.J. Business Systems
Waterdam Plaza/
Donaldson Crossroads
McMurray, PA 15317
(412) 942-3380
R S T 3

MicroMax Business Systems
518 Fifth Ave.
New Brighton, PA 15066
(412) 846-3000
Scott Zell

R S T 3

Bundy Typewriter & Computer
10th & Chestnut Sts.
Philadelphia, PA 19107
(215) 922-0500
R S T 3
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<th>Software</th>
<th>Training</th>
<th>Third-Party Hardware</th>
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<td>Roosevelt Mall</td>
<td>Dale Summit Sq.,</td>
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<td>Philadelphia, PA 19149</td>
<td>2603 E. College Ave.</td>
<td>2603 E. College Ave.</td>
<td>2603 E. College Ave.</td>
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<tr>
<td>(215) 332-5600</td>
<td>State College, PA 16801</td>
<td>State College, PA 16801</td>
<td>State College, PA 16801</td>
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<td>R S T 3</td>
<td>(814) 237-3444</td>
<td>(814) 237-3444</td>
<td>(814) 237-3444</td>
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<td>9475-V Roosevelt Blvd.</td>
<td>R.R. #7, Box 7495B, Rt. 611</td>
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<td>Philadelphia, PA 19114</td>
<td>Stroudsburg, PA 18360</td>
<td>Stroudsburg, PA 18360</td>
<td>Stroudsburg, PA 18360</td>
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<tr>
<td>(215) 698-5808</td>
<td>(717) 424-8587</td>
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<td>(717) 424-8587</td>
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<td>Charles Dipatiae/Sharon Sibley</td>
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<td>Morgan's Computer &amp; Education Center</td>
<td>General Computer Centers, Inc.</td>
<td>General Computer Centers, Inc.</td>
<td>General Computer Centers, Inc.</td>
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<td>Clairton Blvd.</td>
<td>R.R. #3, Box 7, Valley Square Mall</td>
<td>R.R. #3, Box 7, Valley Square Mall</td>
<td>R.R. #3, Box 7, Valley Square Mall</td>
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<td>Pittsburgh, PA 15236</td>
<td>Tamaqua, PA 18252</td>
<td>Tamaqua, PA 18252</td>
<td>Tamaqua, PA 18252</td>
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<tr>
<td>(412) 653-4115</td>
<td>(717) 668-6080</td>
<td>(717) 668-6080</td>
<td>(717) 668-6080</td>
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<td>Rod Darby</td>
<td>R S T 3</td>
<td>R S T 3</td>
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<tr>
<td>612 Smithfield St.</td>
<td>3607 Portsville Pk.</td>
<td>R.R. #3, Box 7, Rt. 309</td>
<td>R.R. #3, Box 7, Rt. 309</td>
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<td>Pittsburgh, PA 15222</td>
<td>Reading, PA 19605</td>
<td>Tamaqua, PA 18252</td>
<td>Tamaqua, PA 18252</td>
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<tr>
<td>(412) 391-8090</td>
<td>(215) 921-9800</td>
<td>(717) 386-3900</td>
<td>(717) 386-3900</td>
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<td>R S T 3</td>
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<td>(800) 332-4222 in Pennsylvania</td>
<td>(800) 332-4222 in Pennsylvania</td>
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<td>Pittsburgh Computer Store - Pleasant Hills</td>
<td>General Computer Centers, Inc.</td>
<td>University Business Machines</td>
<td>University Business Machines</td>
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<td>47 Clairton Blvd.</td>
<td>535 Wyoming Ave.</td>
<td>45 Long Ln.</td>
<td>45 Long Ln.</td>
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<td>Pittsburgh, PA 15236</td>
<td>Scranton, PA 18509</td>
<td>Upper Darby, PA 19082</td>
<td>Upper Darby, PA 19082</td>
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<tr>
<td>(412) 655-8220</td>
<td>(717) 969-1177</td>
<td>(215) 352-1444</td>
<td>(215) 352-1444</td>
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<td>Chet Backowski</td>
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<td>3607 Portsville Pk.</td>
<td>546 Penn Ave.</td>
<td>2420 MacArthur Rd.</td>
<td>2420 MacArthur Rd.</td>
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<tr>
<td>Reading, PA 19605</td>
<td>West Reading, PA 19611</td>
<td>Whitehall, PA 18052</td>
<td>Whitehall, PA 18052</td>
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<tr>
<td>(215) 921-9800</td>
<td>(215) 375-4231</td>
<td>(215) 821-5977</td>
<td>(215) 821-5977</td>
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<td>Selinsgrove, PA 17870</td>
<td>Williamsport, PA 17701</td>
<td>Scranton, PA 18509</td>
<td>Scranton, PA 18509</td>
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<tr>
<td>(717) 374-5080</td>
<td>(717) 323-5095</td>
<td>(717) 969-1177</td>
<td>(717) 969-1177</td>
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</table>
Rhode Island
UNICOM/ MicroAge
297 Elmwood Ave.
Providence, RI 02907
(401) 467-5600 or (800) 566-2828
Raymond Garnache

South Carolina
Computer Source/Connecting Point
Village Sq. Shopping, Ctr. W. Ashley,
1660 Sam Rittenberg Blvd.
Charleston, SC 29407
(803) 571-1452
FAX: (803) 571-1459
Wendy Sosebee/Evans Jenkins

Byte Shop
7372A Two Notch Rd.
Columbia, SC 29223
(803) 788-2524
Jerry Gossett/Reynolds Tokunaga

Computer Source/Connecting Point
Arcadia Lakes Shopping Ctr., 6432A
Two Notch Rd.
Columbia, SC 29223
(803) 786-6100
FAX: (803) 754-5792
Beverly Coffey

The Computer Store, Inc.
810 Dutch Square Blvd.
Columbia, SC 29210
(803) 798-3300

General Computer Centers, Inc.
342 Wilkes Barre Twp. Blvd.,
Rte. 309 & Coal St.
Wilkes Barre, PA 18702
(717) 825-9548

General Computer Center, Inc.
West Gate Plaza, 1550A Kenneth Rd.
York, PA 17404
(717) 764-4069

Creative Computer Systems, Inc.
2151-G W. Evans St.
Florence, SC 29501
(803) 665-8655 or (800) 922-9573 in South Carolina
Archie Buchan

Computer Source/Connecting Point
North Hills Shopping Ctr.,
2485 E. North St.
Greenville, SC 29615
(803) 268-0461
FAX: (803) 268-0170
Cheryl White

MicroAge Computer Stores
526 E. Durst Ave.
Greenwood, SC 29649
(803) 229-7575
Sue Smith/Perry Smith

Incomp Computer Centers
945 3rd Ave. S.E.
Hickory, SC 28602
(704) 327-2330

Automated Business Systems, Inc.
115 Amelia N.E.
Orangeburg, SC 29115
(803) 531-4666

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Valcom/ADS Computer Center
946 Oakland Ave.
Rock Hill, SC 29730
(803) 329-3240
Leigh Baker/Stephanie Blackman
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Computer Source/Connecting Point
North Town Mall Shpg. Ctr., 100 N.
TownDr., #3
Spartanburg, SC 29303
(803) 583-7766
FAX: (803) 591-0072
Lawrence Cook/Deanna Phillips,
AESIC
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South Dakota
Computer Solutions, A MicroAge
Affiliate
1500 W. 41st St.
Sioux Falls, SD 57105
(605) 334-3000
Paul Werner
RS T 3
Ultra, Inc.
3300 W. 49th
Sioux Falls, SD 57106
(605) 361-8881
RS T 3

Tennessee
Connecting Point,
MicroComputer Center
408 S. James Campbell
Columbia, TN 38401
(615) 381-7605 or (615) 381-7523
Scott Kozicki
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Computerlab/Connecting Point
133 Old Hickory
Jackson, TN 38305
(901) 668-9282
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Eastern Computer, Inc.
5100 Kingston Pk.
Knoxville, TN 37919
(615) 588-6491
John Tuggle
RS 3

Byte Shop
102 Mulberry Hill
Summerville, SC 29485
(803) 821-3435
Jim Moore
RS T 3

Ultra, Inc.
1018 14th S.E.
Watertown, SD 57201
(605) 882-1555
RS T 3

Inacomp Computer Centers
330 Franklin Rd.
Brentwood, TN 37027
(615) 373-5667
Ginny Smith/Mark Gregory
RS T 3

Computerlab/Connecting Point
4760 Poplar Ave.
Memphis, TN 38117
(901) 761-4743
RS T 3

Opus 2
747 E. Brookhaven Cir.
Memphis, TN 38117
(901) 683-0117
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RS Repair/Service
S Software
T Training
3 Third-Party Hardware
Texas

Amarillo Computers/
Connecting Point
201 J Westgate Pkwy.
Amarillo, TX 79121
(806) 358-0404

Doyle Hoover, Shawn Walsh/Sarah Dworzack

ComputerCraft - Dallas
12330 Inwood Rd.
Dallas, TX 75244
(214) 960-0800
Al Bessin/Leslie Gayden

ComputerCraft - Dallas/Garland
5111 Greenville Ave., #145
Dallas, TX 75206
(214) 369-6464
Polly Durham/Brent Whitsell

ComputerCraft - Quorum
4900 Boldine Rd., Ste. 150
Dallas, TX 75240
(214) 991-2971
Audley Logan

Mr. Micro
17174 Preston Rd.
Dallas, TX 75248
(214) 733-4274

U.S. Tech
1236 San Jacinto Mall
Baytown, TX 77521
(713) 421-2723

Wen-Lee Huang

Computer Dimensions, Inc.
6465 Calder Ave.
Beaumont, TX 77707
(409) 866-8378

ComputerLand
Brazos Valley/Huntsville
1140 E. Harvey Rd.
College Station, TX 77840
(409) 693-2020

Judy Wright

ComputerCraft - Ft. Worth/Ridgmar
6020 Camp Bowie
Ft. Worth, TX 76116
(817) 732-1771
Jay Merrein/John Mitchell

Southwest Computer Centre, Inc.
605 N. 77 Sunshine
Harlingen, TX 78550
(512) 421-2414

INFORMATION RESOURCES / Dealer Listings
ComputerCraft -
Houston Town and Country
10516 Old Katy Rd.
Houston, TX 77043
(713) 827-1744
Mark Killingsworth/Kathy Parker/
Al Bessin
ComputerCraft -
Houston/Chimney Rock
2709 Chimney Rd.
Houston, TX 77056
(713) 840-9762
Mark Crain/Janice Maixner
ComputerCraft - Houston/Downtown
916 Travis
Houston, TX 77002
(713) 650-3841
Les Polvado/John Lucas
ComputerCraft - Houston/Greenbriar
2621 S. Shepard
Houston, TX 77098
(713) 527-8088
Dorene Herzog/Pete Mikiten
ComputerCraft - Houston/Huntwick
4608 FM 1960 W. Northwood Ctr.
Houston, TX 77069
(713) 583-2032
Carl Nyberg/Kay Johnson
ComputerCraft - Southport
12885 Gulf Freeway Shopping Ctr.
Houston, TX 77034
(713) 481-5600
Rich Garcia/Lori Bonin
Supertec - IMS
218 Higgins
Humble, TX 77338
(713) 446-9770
Southwest Computer Centre, Inc.
5603 IH 35, Ste. #4
Laredo, TX 78041
(512) 724-1133
C.A.S.A. Computer
7412 S. University, #1
Lubbock, TX 79423
(806) 745-6991
Stacey Burrell/Elias Bengoa

ComputerLand of Lubbock
6223 Slide Rd.
Lubbock, TX 79414
(806) 792-3835

Connecting Point's Education Center
2103 34th St.
Lubbock, TX 79411
(806) 741-0475
Stephen Thrash

Southwest Computer Centre, Inc.
1800 S. Main, #210
McAllen, TX 78504
(512) 687-9468

ComputerCraft - San Antonio/
Broadway/Craft Corp. Sales
8503 Broadway, #100
San Antonio, TX 78217
(512) 826-6046
Reesa Bowen/Helen Knox

ComputerCraft - San Antonio/Ingram
5019 N.W. Loop 410
San Antonio, TX 78238
(512) 680-1980
J.C. Pack/John Meyer

Williams Computer Center, Inc.
25770 I-45 N.
Spring, TX 77386
(713) 367-1600
Mike Mitchell

**Repair/Service**
**Software**
**Training**
**Third-Party Hardware**

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ComputerLand of Texarkana
2700 Richmond Rd.
Texarkana, TX 75503
(214) 832-7577
Janet C. Sisson

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CCST - Computers
1930 E.S.E. Loop 323
Tyler, TX 75701
(214) 592-8800
Jackie Gregory

R S T

Utah
Southeast Utah Computers, Inc.
1 E. Main St.
Price, UT 84501
(801) 637-9292
Lance Greenwood

R S T 3

Alpine Computing
25 S. Main
Richfield, UT 84701
(801) 896-9292 or (800) 824-1373

R S T 3

Vermont
Ormsby's Connecting Point
Computer Center
12 Keith Ave.
Barre, VT 05641
(802) 476-1414 or (800) 649-8977

R S T 3

Connecting Point - Datatronic, Inc.
Putney Rd.
Brattleboro, VT 05301
(802) 257-0555
Bill Vermouth

R S T 3

Virginia
OmniComp/ Connecting Point
2125 Ivy Rd.
Charlottesville, VA 22903
(804) 971-6771

R S T 3

ComputerLand of Tyler
225 E. Amherst
Tyler, TX 75701
(214) 581-7000
Randy McDonald

R S T

Alpine Computing
291 N. Bluff
St. George, UT 84770
(801) 628-4423

R S T 3

Applied Graphics Co., Inc.
1960 Shelburne Rd.
Shelburne, VT 05482
(802) 985-3341 or (800) 639-3154
(in Vermont and New Hampshire)
Steffen Parker

R S T 3

ComputerLand Mid-Atlantic
4040 E. Cox Rd.
Glen Allen, VA 23060
(804) 346-8827

R
Computer Works, Inc.,
Connecting Point Computer Ctrs.
P. O. Box 1111, 785 E. Market St.
Harrisonburg, VA 22801
(703) 434-1111 or (800) 729-5368

Computer Workshop
10 E. Church St.
Martinsville, VA 24112
(703) 632-3050
FAX: (703) 666-8978
Margaret Fey/Claude Young

ComputerLand
3521 Franklin Rd.
Roanoke, VA 24014
(703) 342-1333

Sun Computers
881 Bellevue Way N.E.
Bellevue, WA 98004
(206) 451-2828
Beverly Wardlow

Alpha Tech Computers
2300 James St.
Bellingham, WA 98225
(206) 671-2332
Scott Ocheltree

MICRO Computer Systems
2615 184th St., #105
Lynnwood, WA 98037
(206) 778-7337

Empire Computer Center
616 S.W. 152nd
Seattle, WA 98166
(206) 244-5200
Jeff Hardwick

Jack Hartman/ MicroAge
2840 Peters Creek Rd.
Roanoke, VA 24019
(703) 992-1057
Wayne Slusher

ComputerLand Mid-Atlantic
8032 Leesburgh Pk.
Vienna, VA 22182
(703) 442-3800

Memory Bank Computer Center
4772 Euclid Rd.
Virginia Beach, VA 23462
(804) 473-2265
Scott Willett

Sun Computers
2521 Third Ave.
Seattle, WA 98121
(206) 728-2828
Beverly Wardlow

The Computer Store-Seattle
6406 Roosevelt Way N.E.
Seattle, WA 98115
(206) 522-0220

Connecting Point Computer Center
E. 200 Second Ave.
Spokane, WA 99202
(509) 455-5255

Quantum Computers, Inc.
5003 Tacoma Mall Blvd.
Tacoma, WA 98409
(206) 475-7000

Cliff Miller's Computers
22 N. 2nd St.
Yakima, WA 98901
(509) 248-1585

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R Repair/Service
S Software
T Training
3 Third-Party Hardware
**West Virginia**  
The Computer Store, Inc. of West Virginia  
Ste. 5 - Municipal Parking Bldg.  
Charleston, WV 25301  
(304) 345-1360  
Samuel L. Miles

**Wisconsin**  
Connecting Point/Amery  
216 N. Keller Ave.  
Amery, WI 54001  
(715) 268-8159  
FAX: (715) 268-2064  
Linette Brown

T.J. Business Systems  
1756D Mileground Plaza  
Morgantown, WV 26505  
(304) 291-5044

Byte Shop of Milwaukee, Inc./  
Connecting Point  
4840 S. 76th St.  
Greenfield, WI 53220  
(414) 281-7004

Team Electronics/  
Connecting Point of Janesville  
2619 Milton Ave.  
Janesville, WI 53545  
(608) 756-3159  
Don Woody

Compcp Computers, Inc.  
13660 W. Capitol Dr.  
Brookfield, WI 53005  
(414) 781-6700

ThreeRivers Computer Center  
1627 Losey Blvd.  
La Crosse, WI 54601  
(608) 788-1234  
Kevin Capwell

ComputerLand of Eau Claire  
3408 Oakwood Mall Dr.  
Eau Claire, WI 54701  
(715) 835-8082  
Michele Overgard

Connecting Point/Community Camera  
506 Main St.  
La Crosse, WI 54601  
(608) 782-1565  
Eric Anderson/John Pongratz

Connecting Point - Green Bay  
529 N. Monroe  
Green Bay, WI 54301  
(414) 435-2335
North Shore Computers
5237 N. Ironwood Ln.
Milwaukee, WI 53217
(414) 963-9700
RS 3
Office Technology, Inc.
1315 Gillingham Rd.
Neenah, WI 54957
(414) 725-5551
Sandra Weiss
RS T 3
CBM Computer Center
124 Dellwood Ln.
Nekoosa, WI 54454
(715) 424-2131
RS T 3
Midwest Visual Equipment Co.
16908 W. Victor Rd.
New Berlin, WI 53151
(414) 784-5880
RS T 3

Wyoming
Team Electronics a MicroAge Affiliate
207 S. Montana Ave.
Casper, WY 82601
(307) 235-6691
RS T 3
ComputerLand/Gillette
801 E. 4th, Ste. #16
Gillette, WY 82716
(307) 682-6609
Bill Nelson/Jeno Rohde/Jim Butler
RS T 3

Colortron Computers
2101 West Blvd.
Racine, WI 53405
(414) 637-2003
Sue Londre
RS T 3
Ross, Inc.
1406 N. 25th St.
Sheboygan, WI 53082
(414) 452-2771
RS T 3
Information Age Computer Center
2600 Stewart Ctr.
Wausau, WI 54401
(715) 845-3311
David Barwick
RS T 3

U.S. TECH/ Connecting Point
1885 Dewar Dr.
Rock Springs, WY 82901
(307) 382-8225
Harlan Schreiner
RS T 3

R Repair/Service
S Software
T Training
3 Third-Party Hardware
Resources for People With Disabilities

Empowering people with disabilities through a network of resource and support centers

*There are a variety of ways that Apple II computers can help people with disabilities realize their goals. Because of its open architecture, the Apple IIe computer is one of the most accessible personal computers. The newest Apple IIgs computer has built-in easy access features for people with disabilities and more access features are coming soon.*

There are many organizations that can help people with disabilities find just the right technology tools to make their Apple II read for them, help them communicate with a friend, turn on the lights or TV and even say good night. Some of these organizations are listed below.

**Office of Special Education and Rehabilitation**

At Apple, our energies are directed toward ensuring that the power and the promise of microcomputers are as available to individual with disabilities as to everyone else. Toward that end, the Office of Special Education and Rehabilitation focuses on several broad goals: increasing awareness of the array of computer solutions available to children and adults with disabilities; providing access to information on how to implement computer solutions at home, at school and in the workplace; creating a national network of partnerships with agencies and organizations to assist individuals with disabilities in the use of personal computers; and developing accessible personal computers for people with disabilities. Please contact the Office Special Education and Rehabilitation for more information about our activities.

**Office of Special Education and Rehabilitation**

Apple Computer, Inc.
20525 Mariani Ave., MS 36-SE
Cupertino, CA 95014
(408) 974-7910
AppleLink: Special.Ed
Trace Research and Development Center
The Trace Center is widely recognized as the force behind ensuring that computer technology is designed to be accessible to all individuals with disabilities. The Trace Center has many areas of specialization, but it is particularly responsive to individuals seeking ways to tailor computers to meet the needs of children and adults with disabilities.

Trace Research and Development Center
S-151 Waismann Center, 1500 Highland Ave.
Madison, WI 53705
(608) 262-6966

Closing The Gap
This well-known organization publishes a comprehensive newsletter in the field of disability and technology — a must read for individuals concerned with new developments. Closing The Gap also conducts an annual conference and many workshops around the country to help people with disabilities and their friends find and use the technology that makes a difference.

Closing The Gap
P.O. Box 68
Henderson, MN 56044
(612) 248-3294

Alliance for Technology Access Resource Centers
The Alliance for Technology Access is a growing movement of people across the country who are redefining human potential through the powerful and imaginative application of computer technology.
The Alliance for Technology Access (ATA), formerly the National Special Education Alliance, was founded in 1987 with 11 resource centers in 10 states. The ATA now boasts 43 resource centers in 32 states. All ATA centers seek to provide people of every age with any disability easy access to important technological tools.

Apple Computer’s Office of Special Education and Rehabilitation supports the ATA by providing computer equipment, technical expertise, and organizational resources to help the ATA grow. The ATA’s ultimate goal is to empower individuals with disabilities with the means to control and direct their lives through technology.

**National Headquarters**  
Alliance for Technology Access National Headquarters  
1307 Solano Avenue  
Albany, CA 94706-1888  
(415) 528-0747

**Alabama**  
Independent Living Center  
3421 5th Ave. South  
Birmingham, AL 35222  
(205) 251-2223  
Judy Roy  
AppleLink: BILC

Technology Assistance for Special Consumers  
2939 Johnson Rd., S.W.  
Huntsville, AL 35805  
(205) 880-0671  
Pamela Harnden  
AppleLink: TASC
**Alaska**  
Alaska Center for Adaptive Technology  
Sheffield Hotel  
104 Katlian  
P.O. Box 6069  
Sitka, AK  99835  
(907) 747-6960  
Bruce Anderson  
AppleLink: ACAT

**Arkansas**  
Technology Resource Center  
c/o Arkansas Easter Seal Society  
2801 Lee Ave.  
Little Rock, AR  72205  
(501) 663-8331  
Ginny Heiple  
AppleLink: TRC

**California**  
Team of Advocates for Special Kids  
100 W. Cerritos  
Anaheim, CA  92805  
(714) 533-TASK  
Lane Cole  
AppleLink: TASK

Disabled Children's Computer Group  
2095 Rose Street, 1st Fl.  
Berkeley, CA  94709  
(415) 841-3224  
Lisa Wahl  
AppleLink: DCCG

Special Technology Center  
590 Castro St.  
Mountain View, CA  94041  
(415) 961-6789  
Lisa Cohn  
AppleLink: STC
Computer Access Center
2425 16th St., Rm. 23
Santa Monica, CA 90405
(213) 450-8827
Donna Dutton
AppleLink: CAC.SM

Special Awareness Computer Center
Rehabilitation Center
2975 N. Sycamore Dr.
Simi Valley, CA 93065
(805) 582-1881
Suzanne Feit
AppleLink: SACC

Colorado
AssessAbility Resource Center
1056 E. 19th Ave., B-410
Denver, CO 80218-1088
(303) 861-6250
Ann Grady
AppleLink: AARC

Florida
Computer CITE
215 E. New Hampshire St.
Orlando, FL 32804
(407) 299-5000 x3291 or (407) 896-3177
Carol Adams
AppleLink: CITE

Georgia
TechAble
1040 Irwin Bridge Rd.
Conyers, GA 30207
(404) 922-6768
Lynn S. Chiu
AppleLink: TechAble
**Hawaii**  Aloha Special Technology Access Center
1750 Kalakaua Ave., #1008
P.O. Box 27605
Honolulu, HI 96827
(808) 955-4464
Ruth Akiona
AppleLink: Alohastac

**Illinois**  Technical Aids & Assistance for the Disabled Center
1950 W. Roosevelt
Chicago, IL 60608
(312) 421-3373
Margaret Pfrommer
AppleLink: TAAD

Northern Illinois Center for Adaptive Technology
3615 Louisiana Rd.
Rockford, IL 61108
(815) 229-2163
David Grass
AppleLink: ILCAT

**Iowa**  READI
1655 17th Ave.
P.O. Box 523
Marion, IA 52302
(319) 377-1771
Doug Patterson
AppleLink: READI

**Kansas**  Technology Resources for Special People
3023 Canterbury
Salina, KS 67401
(913) 827-0301
Marjorie Hargis-Delker
AppleLink: TRSP
**Kentucky**

SpecialLink  
36 W. 5th St.  
Covington, KY 41011  
(606) 491-2464  
Walter and Elaine Hackett  
AppleLink: SPECIALINK

Blue Grass Technology Center for People with Disabilities  
894 Georgetown St.  
Lexington, KY 40511  
(606) 255-9951  
Jean Isaacs  
AppleLink: BLUEGRASS

Disabled Citizens Computer Center  
Louisville Free Public Library  
4th and York St.  
Louisville, KY 40203  
(502) 561-8637  
Mary Ellen Harned  
AppleLink: DCCC

**Louisiana**

CATER-Center for Adaptive Technology and Educational Resources  
1636 Toledano St., Ste. 311  
New Orleans, LA 70115-4598  
(504) 899-8375  
Kay Hickey  
AppleLink: CATER

**Massachusetts**

Massachusetts Special Technology Access Center  
1/6 Mudge Way  
Town Center  
Bedford, MA 01730  
(617) 275-2446  
Paul Giguere  
AppleLink: MASTAC
Michigan  Living & Learning Resource Centre
Physically Impaired Association of Michigan
601 W. Maple St.
Lansing, MI 48906
(517) 487-0883
In Michigan (800) 833-1996
AppleLink: LLRCPIAM

Minnesota  PACER Center, Inc.
4826 Chicago Ave. S.
Minneapolis, MN 55417-1055
(612) 827-2966 (voice or TDD)
Judy Simon
AppleLink: PACER.CTR

Missouri  Computer Resource Center
St. Louis Easter Seal Society
5025 Northrup
St. Louis, MO 63110
(314) 776-1996
Nancy Lacey
AppleLink: UKNES

Montana  Parents, Let's Unite for Kids
1500 N. 30th St.
Billings, MT 59101-0298
(406) 657-2055
Katharin Kelker
AppleLink: PLUK

Nevada  Nevada Technology Center
2880 E. Flamingo Rd., Ste. B
Las Vegas, NV 89121
(702) 735-2922
Bruce McAnnany
AppleLink: NTC
New Jersey  Computer Center for People With disAbilities
c/o Family Resource Associates, Inc.
35 Haddon Avenue
Shrewsbury, NJ 07702
(201) 747-5310
Joanne Castellano
AppleLink: CCIDA

New York  Techspress
Resource Center for Independent Living
401 Columbia St.
Utica, NY 13502
(315) 797-4642 (voice or TDD)
Russ Holland
AppleLink: TECHSPRESS

North Carolina  Carolina Computer Access Center
Metro School
700 E. Second St.
Charlotte, NC 28202
(704) 342-3004
Judy Timms
AppleLink: CCAC

North Dakota  Pathfinder Parent Training and Information Center
ATA Computer Resource Center
1600 2nd Ave. S.W.
Minot, ND 58701
(701) 852-9426; (701) 852-9436
Kathryn Erickson
AppleLink: Pathfinder

Ohio  Communication Assistance Resource Service
2140 Arbor Blvd.
Dayton, OH 45439
(513) 294-8086
Pat Cashdollar/Terry Traska
AppleLink: CARS
Oklahoma
Developmental Disabilities Resources, Inc.
4641 S. Braden, Ste. 113
Tulsa, OK 74135
(918) 664-5257
Dennis Ilarms
AppleLink: DDR

Oregon
Oregon Outback Technology Access Center
P.O. Box 2916
La Grande, OR 97850
(503) 963-2129
Julie Farnam
AppleLink: OUTBACK

Computer and Technology Services
3241 N.E. 21st Ave.
Portland, OR 97212
(503) 281-6121
Dave Soyster
AppleLink: CATS.OR

Pennsylvania
Technology Resources for People with Disabilities
One Plymouth Meeting Mall, Rm. 600
Plymouth Meeting, PA 19462
(215) 825-9298
David Landsman
AppleLink: TRPD

Tennessee
West Tenn. Special Tech. Resource Center
Lambuth College, Carney Johnson Hall
401 Maple St., P.O. Box 3683
Jackson, TN 38303
(901) 424-9089 or (901) 424-9090
Margaret Doumitt
AppleLink: WESTTN

East Tennessee Special Technology Access Center, Inc.
UT, Rm. 106-A, CA
Knoxville, TN 37996-3400
(615) 584-4465
Lois Symmington
AppleLink: EASTTN
Technology Access Center
Fountain Square, Ste. 110
2222 Metro Center Blvd.
UCP of Middle Tennessee
Nashville, TN 37228
(615) 248-6733
Bob Kibler
AppleLink: TAC

Texas
SHIP
University United Methodist Church
5084 DeZavala Rd.
San Antonio, TX 78249
(512) 696-1033
Dee Dee Sedgewick
AppleLink: SHIP

Utah
Computer Center for Citizens with Disabilities
410 Twelfth Ave., Ste. 114
Salt Lake City, UT 84103
(801) 521-1624
Craig Boogaard
AppleLink: CCCD

Washington
Seattle Technology Alliance for Resources and Training
257 100th Ave. N.E.
Bellevue, WA 98004
(206) 637-9848
Grant Lord
AppleLink: START

West Virginia
Project G.L.U.E.
c/o Children's Therapy Clinic
2345 Chesterfield Ave.
Charleston, WV 25304
(304) 340-3546
Margaret McGarrity
A sampling of Apple II third-party products that offer solutions to users

Third-party products include all software applications, hardware devices, and peripherals—such as accelerator cards and joysticks—designed, produced, and marketed by U.S. and international manufacturers dedicated to producing products that are compatible with and support the Apple II family of computers.

Software categories range from animators to word processors, from education to music and include many other productivity applications. Hardware includes memory expansion boards, disk drives, modems, speech synthesizers, and much more.

While it is not possible to list all of the third-party products available for the Apple II, inCider/A+ magazine and Redgate Communications Corp., Vero Beach, Fla., have compiled a sampling of the many fine software applications and hardware products available for the Apple II from third-party vendors. This list also includes third-party products that are listed in the “AppleWorks” article and the Apple II Success Stories. Mention of products in this listing is for information purposes only and constitutes neither an endorsement nor recommendation. Apple assumes no responsibility with regard to the selection, performance or use of the products listed.

Software is organized alphabetically by application type: AppleWorks, Business Productivity, Creative, Desk Accessories, Desktop Communications, Education, Music, Personal Productivity, Programming and Utilities, Word Processing, Hardware and Peripherals are listed after software products. Products are listed alphabetically within each application type.
Software  AppleWorks and Related Software

AppleWorks GS is an integrated software package that provides word processing, database, spreadsheet, page layout, graphics, and communications applications. This software requires an Apple II GS with 1.125 MB or more; not copy protected. For AppleWorks GS upgrade information, call (800) 544-8554.

Claris Corp., 5201 Patrick Henry Dr., P.O. Box 58168, Santa Clara, CA 95052, (408) 987-7000.

AppleWorks; AppleWorks/Network provides word processing, database management, mail merge, and spreadsheet analysis. This software requires an Apple II with 128K or more, ProDOS 8; not copy protected. For AppleWorks 3.0 upgrade information, call (800) 544-8554.

Claris Corp., 5201 Patrick Henry Dr., P.O. Box 58168, Santa Clara, CA 95052, (408) 987-7000.


Business Productivity

DB Master Version 5; DB Master Professional are versatile database management systems. DB Master Professional brings multfile, relational capability to the Apple II user. This software requires an Apple II with 128K or more, ProDOS 8; not copy protected.

Stone Edge Technologies, Inc., P.O. Box 3200, Maple Glen, PA 19002, (215) 641-1825.
GeoCalc is a spreadsheet analysis and charting program. This software requires an Apple II with 128K or more (256K RAM expansion recommended), GEOS; not copy protected.
GeoWorks, 2150 Shattuck Ave., Berkeley, CA 94704, (415) 644-0883.

GeoFile is a database and forms manager. This software requires an Apple II with 128K or more (256K RAM expansion recommended), GEOS; not copy protected.
GeoWorks, 2150 Shattuck Ave., Berkeley, CA 94704, (415) 644-0883.

Notes ‘N Files is a database filing system with a word processor-like editor and powerful mail merge capabilities. This software requires an Apple IIgs with 512K or more, ProDOS 16; not copy protected.

VIP Professional is a Lotus 1-2-3-compatible spreadsheet with database and graphics features. This software requires an Apple IIgs with 512K or more, ProDOS 8; not copy protected.
ISD Marketing, Inc., 2651 John St., Unit 3, Markham, Ontario, Canada L3R 2W5, (416) 479-1880.

Creative

816/Paint is a color graphics program that supports all Apple color graphics modes. This software requires an Apple II with 128K or more; ProDOS 8, ProDOS 16; not copy protected.
Baudville, Inc., 5380 52nd St. SE, Grand Rapids, MI 49512, (616) 698-0888.

Beagle Bros Clip Art/Volume I contains usable samples of clip art. This software requires an Apple IIgs.
BeagleDraw is an object-oriented drawing program. This software requires an Apple IIgs with 512K or more, color monitor, ProDOS 16; not copy protected.


DeluxePaint II is paint software containing more than 90 painting tools and effects. This software requires an Apple IIgs with 768K or more, color monitor, ProDOS 16; not copy protected.

Electronic Arts, 1820 Gateway Dr., San Marco, CA 94404, (415) 571-7171.

Paintworks Gold is a sophisticated paint program. This software requires an Apple IIgs with 1.25 MB or more, RGB monitor, GS/OS; not copy protected.

Mediagenic, 3885 Bohannon Dr., Menlo Park, CA 94025, (415) 329-0500.

Paintworks Plus is a paint program containing a clip art gallery of more than 650 images. This software requires an Apple IIgs with 512K or more, GS/OS; not copy protected.

Mediagenic, 3885 Bohannon Dr., Menlo Park, CA 94025, (415) 329-0500.

Desk Accessories

Beagle Bros GS Desk Accessories includes a telephone dialer, keyboard macros, screen preserver, programmable scientific calculator, note pad, alarm clock, and more. This software requires an Apple IIgs.


DeskPak Desk Accessories includes file tools, a calculator, system security lock, file printer, appointment calendar, scrapbook, and more. This software requires an Apple IIgs, 10K per accessory, ProDOS 16; not copy protected.

SSSI, Inc., 4612 N. Landing Dr., Marietta, GA 30066, (404) 928-4388.
The Desktop Manager includes a note pad, calculator, printer manager, envelope labeler, ASCII chart, screen print, cut and paste, appointment calendar, disk manager, and communications manager. This software requires an Apple II GS with 512K or more, GS/OS; not copy protected.

On Three, Inc., 1050 West Columbia, Ste. 3E, Chicago, IL 60626, (312) 338-2202.

Disk Initializer lets users initialize 3.5- and 5.25-inch data disks from within other programs and works with any program that is GS/OS compatible. This software requires an Apple II GS, GS/OS; not copy protected.

Seven Hills Software Corp., 2310 Oxford Rd., Tallahassee, FL 32304, (800) 627-3836.

Softswitch is a desk accessory that allows users to switch among several applications loaded into RAM. This software requires an Apple II GS with 768K or more, ProDOS 16; not copy protected.


Desktop Communications

MouseTalk is a telecommunications product with a Macintosh-like user interface and pull-down menus that accommodates data transfer speeds up to 19,200 bits per second. This software requires an Apple II with 128K or more, ProDOS 8; mouse optional; not copy protected.


Point-To-Point is a versatile telecommunications program. This software requires an Apple II with 128K or more, ProDOS 8; not copy protected.

ProTERM 2.2 is a telecommunications program featuring a scroll-back buffer for capturing text on screen. This software requires an Apple II with 128K or more, ProDOS 8; not copy protected.
InSync Software, 3035 E. Topaz, Phoenix, AZ 85028, (602) 992-5515.

ReadyLink is communications software. This software requires an Apple IIgs with 128K or more, modem, and ProDOS 8.
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060.

Teleworks Plus is a IIgs-specific telecommunications program. This software requires an Apple IIgs with 768K or more, GS/OS; not copy protected.
Mediagenic, 3885 Bohannon Dr., Menlo Park, CA 94025, (415) 329-0500.

Desktop Publishing

GraphicWriter is an Apple IIgs-specific desktop publishing program that features page-layout, graphics and word processing capabilities. This software requires an Apple IIgs with 768K or more, GS/OS; not copy protected.
Seven Hills Software Corp., 2310 Oxford Rd., Tallahassee, FL 32304, (800) 627-3836.

Graph It! is a high-impact presentation graphics program. This software requires an Apple II with 128K or more, ProDOS 8; printer; not copy protected.
Timeworks, Inc., 444 Lake Cook Rd., Deerfield, IL 60015, (708) 948-9200.
**Medley 2.0** is a IIgs-specific integrated desktop publishing program combining word processing, artwork, and page layout capabilities. This software requires an Apple IIgs with 1.25 MB or more, color monitor recommended, ProDOS 16; not copy protected.

Milliken Publishing Co., 1100 Research Blvd., P.O. Box 21579, St. Louis, MO 63132, (314) 991-4220.

The **Print Shop IIgs** is a personal publishing program with a multicolor graphics editor that allows users to create, design, and print out multicolor custom cards, signs, banners, and letterheads. This software requires an Apple IIgs with 512K or more, printer, ProDOS 8; copy protected.

Broderbund Software, Inc., 17 Paul Dr., San Rafael, CA 94903, (800) 521-6263.

**Publish-It! 3** is a desktop publishing program that allows users to edit, design, lay out, and print documents. This software requires an Apple II with 128K or more, ProDOS 8; not copy protected.

Timeworks, Inc., 444 Lake Cook Rd., Deerfield, IL 60015, (708) 948-9200.

**Springboard Publisher** is a desktop publishing program with full-featured page layout, word processor, and graphics tools. This software requires an Apple II with 128K or more and a 1 MB RAM disk, ProDOS 8; not copy protected.

Spinnaker Software Corp., 201 Broadway, Cambridge, MA 02139, (617) 494-1200.

**Education**

The **Children's Writing And Publishing Center** is a word processing and desktop publishing program for ages 7 to 14. This software requires an Apple II with 128K or more, ProDOS 8; copy protected.

The Learning Co., 6493 Kaiser Dr., Fremont, CA 94555, (415) 792-2101.
Explore-A-Science Series offers elementary and middle school students exciting and realistic reading/writing-based scientific investigations. This software requires an Apple II with 128K or more, ProDOS 8; program disk copy protected, student disk not copy protected.


First Letters And Words is an alphabet learning program with a talking narrator for ages 3 to 8. This software requires an Apple II plus with 512K or more, ProDOS 16; not copy protected.

First Byte, Clauset Centre, 3100 S. Harbor Blvd., Ste. 150, Santa Ana, CA 92704, 714-432-1740, 800-523-8070 or distributed by Electronic Arts, 1820 Gateway Dr., San Mateo, CA 94404, (415) 571-7171.

Homeworker — The Student Organizer is a secondary education program providing Word Processor, Outliner, Flash Card Maker, Grade Keeper, Calendar, and Calculator modules. This software requires an Apple II with 128K or more, ProDOS 8; copy protected.

Davidson & Associates, Inc., 3135 Kashiwa St., Torrance, CA 90505, (213) 534-2250 or (800) 556-6141.

Math And Me builds early math skills for children ages 3 to 6. This software requires an Apple II with 128K or more, ProDOS 8; copy protected.

Davidson & Associates, Inc., 3135 Kashiwa St., Torrance, CA 90505, (213) 534-2250 or (800) 556-6141.

The New Talking Stickybear Alphabet teaches upper and lowercase letter recognition to children ages 3 to 6 and includes three activities to complement and encourage alphabet learning. This software requires an Apple II plus with 512K or more, ProDOS 16; copy protected.

Weekly Reader Software From Optimum Resource, Inc., 10 Station Pl., Norfolk, CT 06058, (203) 542-5553 or (800) 327-1473.
The New Talking Stickybear Opposites teaches opposites and helps build reasoning skills for children ages 3 to 6. This software requires an Apple IIgs with 512K or more, ProDOS 16; copy protected.

Weekly Reader Software From Optimum Resource, Inc., 10 Station Pl., Norfolk, CT 06058, (203) 542-5553 or (800) 327-1473.

The New Talking Stickybear Shapes helps children ages 3 to 6 identify shapes and includes a poster and Stickybear stickers. This software requires an Apple IIgs with 512K or more, ProDOS 16; copy protected.

Weekly Reader Software From Optimum Resource, Inc., 10 Station Pl., Norfolk, CT 06058, (203) 542-5553 or (800) 327-1473.

Reader Rabbit is a talking early education program that reinforces reading, spelling, and vocabulary skills for children ages 3 to 7. This software requires an Apple IIgs with 256K or more, color monitor recommended, ProDOS 16; copy protected.

The Learning Co., 6493 Kaiser Dr., Fremont, CA 94555, (415) 792-2101.

Revolution '76 is a historical simulation. This software requires an Apple IIgs with 1.2 MB or 768K or more, and GS/OS.

Britannica Software, Inc., 345 4th St., San Francisco, CA 94107, (415) 597-5555 or (800) 572-2272.

SmoothTalker is a software-only speech synthesizer that converts text into speech. This software requires an Apple IIgs with 512K or more, ProDOS 16; not copy protected.

First Byte, Clauset Centre, 3100 S. Harbor Blvd., Ste. 150, Santa Ana, CA 92704, 714-432-1740, 800-523-8070 or distributed by Electronic Arts, 1820 Gateway Dr., San Mateo, CA 94404, (415) 571-7171.

Studymate: The Grade Booster is a study tool for teens and adults. This software requires an Apple IIgs or Apple IIc Plus with 128K or more, ProDOS 16; not copy protected.

Compu-Teach Corp., 78 Olive St., New Haven, CT 06511-6909, (203) 777-7738 or (800) 448-3224.
Talking Schoolhouse Series includes 16 separate software programs that use real human speech to teach basic skills. This software requires an Apple IIgs with 512K or more.

**Orange Cherry-Talking Schoolhouse Software**, P.O. Box 390, Westchester Ave., Scotts Corners, Pound Ridge, NY 10576, (914) 764-4104 or (800) 672-6002.

**USA GeoGraph** teaches U.S. geography for grades 5 to adult. This software requires an Apple IIgs with 768K or more, GS/OS; copy protected.

MECC, 3490 Lexington Ave. N, St. Paul, MN 55126, (612) 481-3500 or (800) 228-3504.

**Where In The World Is Carmen Sandiego?** teaches geography and history by allowing players to track Carmen and her gang of thieves around the world to recover stolen treasures. This software requires an Apple IIgs with 512K or more, ProDOS 16.

**Broderbund Software, Inc.**, 17 Paul Dr., San Rafael, CA 94903, (800) 521-6263.

**Writer Rabbit** builds reading comprehension and writing skills for ages 7 to 10. This software requires an Apple II with 64K or more, ProDOS 8; copy protected.

**The Learning Co.**, 6493 Kaiser Dr., Fremont, CA 94555, (415) 792-2101.

### Music

**Diversi-Tune** turns the Apple IIgs into a MIDI synthesizer and recorder and plays up to 32 channels simultaneously. This software requires an Apple IIgs with 512K or more, MIDI interface optional, ProDOS 8; not copy protected.

Diversified Software Research, Inc., 34880 Bunker Hill, Farmington, MI 48331, (313) 553-9460

**Jam Session** is a music performance program. This software requires an Apple IIgs with 768K or more.

**Broderbund Software, Inc.**, 17 Paul Dr., San Rafael, CA 94903, (800) 521-6263.
Master Tracks Pro is a professional MIDI recording and graphic editing sequencing program. This software requires an Apple IIgs with 1.25 MB or more, Passport serial port MIDI interface or compatible, MIDI instrument(s), GS/OS; not copy protected.

Music Construction Set is a music composition program with 33 digitized instruments, a MIDI output, and stereo music capability. This software requires an Apple IIgs with 256K or more, stereo card and speakers recommended, ProDOS 8; not copy protected.
Electronic Arts, 1820 Gateway Dr., San Mateo, CA 94404, (415) 571-7171.

The Music Studio 2.0 is a music creation program with pull-down menus, a music paint box, and more. This software requires an Apple IIgs with 768K or more, GS/OS; not copy protected.
Mediagenic, 3885 Bohannon Dr., Menlo Park, CA 94025, (415) 329-0500.

Pyware Instrument Designer is a sound-wave designer that enables users to create an infinite variety of synthesized sounds. This software requires an Apple IIgs with 512K or more, synthesizer and printer optional, ProDOS 16; not copy protected.
Pygraphics Corp., P.O. Box 639, Grapevine, TX 76051, (817) 481-7536 or (800) 222-7536.

Personal Productivity

Managing Your Money 4.0 is a financial planning, budgeting, checkbook, and small-business package combining nine integrated programs that export to AppleWorks GS. This software requires an Apple IIgs with 256K or more, two disk drives, ProDOS 8; not copy protected.
MECA Ventures, Inc., 327D Riverside Ave., Westport, CT 06881, (203) 226-2400.

Quicken is single-entry bookkeeping software for small businesses and personal use. This software requires an Apple II with 128K or more, ProDOS 8; not copy protected.
Intuit, Inc., P.O. Box 3014, Menlo Park, CA 94026, (415) 322-0573.
Programming and Utilities

Copy II Plus backs up copy protected disks. This software requires an Apple II with 128K or more (all Laser 128 series machines must have an 80-column card), ProDOS 8; not copy protected.


The Diversi Series is a family of utility software designed to enhance the performance of the Apple II GS and its disk drives. This software requires an Apple II GS with 512K or more, ProDOS 8; not copy protected.


The Graphic Exchange is a universal graphics conversion utility program. This software requires an Apple II GS with 768K or more, ProDOS 8; not copy protected.


HyperScreen is a multimedia presentation tool which allows creation of interactive presentations, reports, and lessons. This software requires an Apple II with 128K or more and supports the Video Overlay Card.

Scholastic Software, 730 Broadway, New York, NY 10003, (800) 325-6149.

HyperStudio is a hypermedia authoring system. This software requires an Apple II GS with 1.25 MB or more, GS/OS.


MacroMate is a universal macro program. This software requires an Apple II GS with 768K or more, ProDOS 16, or GS/OS.

Merlin 8/16 includes two versions of Merlin 8 for assembling 8-bit ProDOS and DOS 3.3 programs and Merlin 16 for assembling 8- and 16-bit ProDOS programs. This software requires an Apple II with 128K or more; and ProDOS 8, ProDOS 16, or DOS 3.3; not copy protected.


Micol Basic provides 8 bit and 16 bit basic compilers.


Word Processing

Bank Street Writer III is a word processing program for grades 2-12 featuring an integrated 60,000-word spelling checker and a 50,000-synonym thesaurus. This software requires an Apple II with 128K or more, ProDOS 8, printer recommended; not copy protected.

Scholastic, Inc., P.O. Box 7502, 2931 E. McCarty St., Jefferson City, MO 65102, (800) 541-5513 or (800) 392-2179 (in Missouri).

BeagleWrite GS is a basic word processor. This software requires an Apple IIGs.


DeluxeWrite is a word processor that combines text and graphics to create documents for letters, school reports, business reports, and more. This software requires an Apple IIGs with 768K or more, ProDOS 16; not copy protected.

Electronic Arts, 1820 Gateway Dr., San Mateo, CA 94404, (415) 571-7171.

Sensible Grammar is a proofreading program that checks word processing files for common grammatical errors. This software requires an Apple IIGs with 128K or more, word processing program, ProDOS 8; copy protected.

Sensible Speller For ProDOS is an electronic dictionary containing the 80,000-word Concise Edition of the Random House Dictionary on disk. This software requires an Apple IIgs with 64K or more, word processing program, ProDOS 8; copy protected. Sensible Software, Inc., 335 E. Big Beaver, Ste. 207, Troy, MI 48083, (313) 528-1950.

WordPerfect For The Apple IIgs is a full-featured word processor with more than 110 features. This software requires an Apple IIgs with 512K or more, two disk drives or a hard disk drive recommended, additional memory card recommended, ProDOS 16, GS/OS (Version 5.0) compatible; not copy protected. WordPerfect Corp., 1555 N. Technology Way, Orem, UT 84057, (801) 225-5000.

Hardware and Peripherals

A2S Series are 20 MB to 60 MB external SCSI (Small Computer System Interface) hard disk drives. This hardware requires an Apple IIgs. CMS Enhancements, Inc., 1372 Valencia Ave., Tustin, CA 92680, (714) 259-9555.

Adaptive Firmware Card is a keyboard emulator that enables a handicapped user — or any user — to run off-the-shelf software without using a keyboard. This hardware requires an Apple Ile or Apple IIgs with 64K or more. Don Johnston Developmental Equipment, P.O. Box 639, Wauconda, IL 60084, (708) 526-2682 or (800) 999-4660.

Bose RoomMate Speakers are digital sound speakers with full-range drivers, a dual-channel amplifier, an equalization network, and distortion-limiting circuitry. This hardware requires an Apple IIgs. Bose Corp., The Mountain, Framingham, MA 01701-9168, (508) 879-7330.

DataLink 1200 and DataLink 2400 are internal 1,200 bps and 2,400 bps modem boards, respectively, that come with the necessary communications software to permit operation. This hardware requires an Apple II. Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060.
Echo II Speech Synthesizer provides speech capability for more than 100 educational software products. This hardware requires an Apple IIgs with 256K or more, ProDOS 8, and DOS 3.3.
Street Electronics Corp., 6420 Via Real, Carpinteria, CA 93013, (805) 684-4593.

FingerPrint GSi Version III is a screen-dump graphic utility card. This hardware requires an Apple IIgs and a printer.
Thirdware Computer Products, 4747 NW 72nd Ave., Miami, FL 33166, (305) 592-7522.

Quickie is a hand-held scanner that requires an Apple II.

Sonic Blaster is a stereo digitizer that records, amplifies, allows editing, and plays back music in full stereo. The required software is included. This hardware requires an Apple IIgs with 512K or more, and GS/OS.
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060.

ThunderScan replaces and Apple ImageWriter's ribbon cartridge with a digitizing scanning cartridge. This hardware requires an Apple II with 512K or more, an ImageWriter, and ProDOS 16.

TransWarp GS is an accelerator card that increases the Apple IIgs processing speed 2.5 times and is compatible with all standard software and hardware.
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060.

Unicorn Membrane Keyboard is an adaptive keyboard for a handicapped — or any user — that replaces the traditional Apple II keyboard and facilitates use of the computer. This hardware requires an Apple II (or IBM) computer and an interface card, such as the Adaptive Firmware Card from Don Johnston Developmental Equipment (see listing this section).
Articles and publications are a great source of up-to-date information about your Apple II. They review new products and show you how you can use your Apple II for a wide variety of applications at home, at school, or at work. Books give you in-depth understanding of and practical guidance in how to use your Apple II computer.

An ever-growing number of printed materials are available in bookstores, libraries, computer stores, and by mail that provide additional information about the inner workings of the Apple II family of computers, how-to instructions, and special-interest coverage about software applications and hardware devices. Topics covered include Apple II diagnostic and maintenance tips, programming-language tutorials, AppleWorks and other mainstream software applications, software tutorials, system overviews, junior high and high school text books, college-level text books, technical resource books, teaching manuals, directories and indexes, and a lot more.

This list was compiled by the Apple Library Users Group, incider/A+ magazine, and Redgate Communications Corporation, Vero Beach, Fla. Mention of articles, books, and publications in this listing is for information purposes only and constitutes neither an endorsement or recommendation. Apple assumes no responsibility with regard to the selection or use of the articles, books, and periodicals listed.

Articles Apple II articles are listed within the following subject areas: educational tools and uses, file transfer and telecommunications; general maintenance and programming, graphics and multimedia, and historical information about Apple.
Educational Tools and Uses

“Classes benefit from network, software (at Marine Academy of Science and Technology)”
The Marine Academy of Science and Technology, a 9- to 12-grade school in Sandy Hook, N.J., has an AppleTalk network that runs Bank Street Writer III, which allows students to share their work and improve their writing. Mathematics programs are also available on the network.
*THE Journal* (Technological Horizons In Education), April 1990, vol. 17 no. 8, p45.

“How helping at-risk children through distance tutoring: Memphis ACOT. (Apple Classroom of Tomorrow)”
Apple Computer, Inc., Memphis City Schools, and Memphis State University created the Apple Classroom of Tomorrow (ACOT), featuring a distance-tutoring project to assist at-risk students in the fifth and sixth grades. Tutors are volunteer Memphis State Masters of Arts in Teaching candidates.

“How do you spell that?”
Descriptions of three Apple II spelling instruction programs are given. A sidebar describes various games, included in the software, that teach spelling. A second sidebar lists additional spelling programs and includes purchasing criteria.

“Learning social studies in a one-computer classroom (in Canadian, Texas)”
A teacher at Canadian High School in Canadian, TX, uses an Apple IIe with commercial and self-created software to teach social studies. The computer has helped slower learners who need to move ahead at their own pace.
“Mission control; Space Shuttle simulator relies on three Apple II computers. (Future Astronaut Training Program)"
Seventh- through ninth-grade students participate in the Future Astronaut Training Program at the Kansas Cosmosphere and Space Center. Space-shuttle simulator systems are controlled by an Apple II microcomputer, the hydraulic system is operated by an Apple II Plus, and the video system and on-board computer are run by an Apple IIe.

“Teachers create Apple II stackware for hearing-impaired”
Teachers in Florida discovered there is little instructional software for the hearing impaired. Most of these students do not perform well with software that has considerable text. Tutor-Tech from Techware Corp. has minimal text and provides quick feedback to the students.

“The ultimate field trip; space-station simulation at the new Challenger Center”
Apple IIIGS microcomputers create the space environment, monitor progress, deploy probes, and transmit information from them, and gather physiological data from crew members in simulated missions at the Challenger Center at the Houston Museum of Natural Science.

“Using a microcomputer and speech synthesizer with learning disabled adolescents (Apple II)”
Learning-disabled adolescents who learned by using a voice synthesizer on a microcomputer were tested along with another group who learned with a human tutor. The results revealed that the speech synthesizer was as effective as a human tutor.
“What’s happened to math literacy? Can computers help resolve the crisis?”
A description of eight software packages for the Apple II designed to teach mathematics and problem-solving skills. Includes criteria for choosing a math package.

File Transfer and Telecommunications

“Back to basics. Talk to your Apple in a language it understands”
This article presents a few BASIC techniques that will help you customize your programs and create practical solutions for home and business needs. Includes three program descriptions and supporting program listings.
Kennedy, William, P. inCider, April 1, 1989, vol. 7 no. 4, p40-46.

“Bit by bit”
A description of two-way technology transfer between the Apple II family and the Macintosh, including information on the current state of connectivity.

“Compute! Specific: Apple II”
A review of two programs for transferring Apple II files to a Macintosh or IBM PC. Describes how to use Apple File Exchange to transfer text files to the Mac. Says Cross-Works can be used to convert AppleWorks word processor, spreadsheet, and database files to a PC.

“Coping with diversity”
A discussion of the easy and convenient transfer of information between incompatible computers. Includes the sidebar “Out of One, Many” and two charts.
“Link up with telecommunications software. From commercial database services to user-group bulletin boards to electronic mail sent across town or around the globe, the world...”
A buyer’s guide to telecommunications software for the Apple II series, featuring a table that rates and compares 17 features of seven packages from six manufacturers. A glossary of telecommunications terms is included.
Itzkahn, Seth. *Incider*, May 1, 1990, vol. 8 no. 5, p50-56.

“Macintosh users expand on-line forums”
Apple Users Group, Inc. has expanded its user forums on CompuServe from four to 11 to serve additional users.

**General Maintenance and Programming**

“How to use a hard disk”
Gives tips on how to use a hard disk drive with Apple II computers. Covers configuring, organizing, and partitioning the disk; loading software from floppies; launching programs; backups; and cleanups.

“Lock it up! What could be worse than losing your data? Losing your Apple II!”
Examines inexpensive ways to secure your Apple II system. Includes a buyer’s guide listing products, manufacturer information, and price.

“Software’s greatest hits, 1989”
Descriptions of 25 software programs for the Apple, recommended by Booklist as the best software of 1989.
“Viruses”
Offers an AppleSoft program for the Apple II that checks for Cyberraid or Festerly software viruses, which attempt to erase the root directory of all volumes on-line. Includes an AppleSoft program that installs fake viruses for testing the antivirus program.

“What to do when all else fails: Where to find answers to your Apple II problems”
Offers suggestions for avoiding and/or resolving problems with Apple II productivity software.

Graphics and Multimedia

“Making movies with your Apple II: Part I”
Part I of a two-part series that shows how to use Apple II-based desktop video equipment. Presents video basics and explains the tools needed to create video productions with the Apple II.
Kennedy, William P; Wright, Guy. inCider, April 1990, vol. 8 no. 4, p44-49.

“Making movies with your Apple II: Part II”
The second installment of a two-part series. Details some basic guidelines for creating professional-looking video productions. Outlines the process step by step.
Kennedy, William P; Wright, Guy. inCider, May 1990, vol. 8 no. 5, p45-49.

“Montage Dabble! Experiment! Discover your artistic talents — and your Apple II's — with a variety of graphics tools”
Describes several graphics programs for educational use. Because most educational software operates in the standard (single) hi-res mode, designing professional-quality graphics is a challenge. Includes a buyer's guide listing.
Schwartz, Roberta; Callery, Michael. inCider, July 1, 1989, vol. 7 no. 7, p76-79.
“Move over Roger Rabbit — your competition has arrived”
A review of the Apple II Video Overlay Card, which offers an easy method of producing customized educational videotapes. Says the card is easy to install, easy to use, and well documented.

“Reel-world images. Digitizers, scanners, and genlock technology are the stars of this show”
Discusses four hardware products that let the Apple II acquire and manipulate video images from a variety of sources.

“Take II desktop video brings big-screen creativity to the small screen of your Apple”
 Discusses the steps in making desktop videos on an Apple II, including setup, digitizing images, and adding sound tracks. Software and hardware are also discussed.

“Yabba Dabba II. Animation on your Apple computer is easier than you probably think it is”
Offers information on how to create animation on an Apple II. Includes topics such as cel-type animation, vector animation, begin at the beginning, camera shots, and transitions. Includes a sidebar on animators' techniques and a list of products discussed.

Historical Information about Apple

“The Apple story part I: early history”

“The Apple story part II: more history and the Apple III”
“Apple: the first ten years (Part 1)”

“The Challenge: to unearth some computer relics in search of early Apples”

“The first decade of personal computing”

“My first personal computer”

“My first personal computer”

“Ten years before the past: how the times have changed at Apple Computer, Inc”

**Books**
The Apple II books in this listing are organized alphabetically by book title.

**1001 Things To Do With Your Apple**
This revised best-seller offers practical ideas and programs for owners of the Apple II, II+, Ile, and IIc computers.

**1001 Things To Do With Your Apple IIgs**
Useful activities for an Apple IIgs user.
Advanced AppleWorks — 2nd Edition
Offers users an insight into AppleWorks.

Apple 16, A Comprehensive Guide To IIGS Computing
A non-technical book that discusses the Apple IIGS' use of color, paint and draw programs, desktop publishing, laser printing, telecommunications, music, and more.
The Archives Press, 140 University Ave., Ste. 38, Palo Alto, CA 94301.

Apple Care Manual: Diagnosing and Maintaining Your Apple II+, IIe, and IIc Computers
 Tells how to take better care of Apple II computers, to diagnose problems, and to make simple repairs.

The Apple IIc: Your First Computer
A primer about the Apple IIc for first-time users.
COMPUTE! Books, P.O. Box 5058, Greensboro, NC 27403, (800) 334-0868.

Apple IIc User's Handbook
A comprehensive guide to the operation, programming, and practical uses of the Apple IIc.
Ballantine Books, 201 East 50th St., New York, NY 10022, (800) 726-0600.

Apple II/IIgs Assembler Toolbox Quick Reference; C Toolbox Quick Reference
Provides summaries of the programming toolbox calls.
APDA — Apple Computer, Inc., 20525 Mariani Ave., MS 33G, Cupertino, CA 95014, (800) 282-2732.

Apple II/IIgs Assembly Language Programming
A tutorial about the assembly programming language.
The Apple IIgs Book
Chronicles the Apple IIgs computer from conception to development.

Apple IIgs Firmware Reference
A technical guide for programmers and hardware designers.

Apple IIgs Hardware Reference, Second Edition
Provides an extensive description of the mechanisms and internal operations of an Apple IIgs.

Apple IIgs Machine Language For Beginners
An assembly language tutorial for use with the Merlin 8/16 assembler.

Apple IIgs Technical Reference
Explains every detail of the Apple IIgs architecture. Describes how to write software that runs in IIgs 8-, 16-, and 32-bit operating modes. Covers specifics on programming with color graphics, sound, desk accessories, and AppleTalk.
McGraw-Hill, 2600 Tenth St., Berkeley, CA 94710, (800) 227-0900 or (800) 772-2531 (in California).

Apple IIgs Toolbox Reference, Vols. I And II
A programmers' toolbox description reference, two volumes.

Apple IIgs Toolbox Reference, Vol. III
Introduces new tools for Apple IIgs programmers.
The Apple IIgs ToolBox Revealed
Introduces a programmer or would-be programmer to the toolbox and to the IIgs' circuits.

Apple Programmer's Handbook
An extensive programming reference for advanced users.
Howard W. Sams & Co., Inc., 4300 W. 62nd St., Indianapolis, IN 46268, (800) 428-7267.

The AppleWorks Handbook: Vol. II
New ideas to help users get more productivity from AppleWorks.
National AppleWorks Users Group, P.O. Box 87453, Canton, MI 48187, (313) 454-1115.

AppleWorks Made Easy, Third Edition
A tutorial that covers AppleWorks Version 3.
Osborne/McGraw-Hill, 2600 Tenth St., Berkeley, CA 94710, (800) 227-0900.

Discovering Science On Your Apple II, II+, IIc and IIgs
A guidebook designed for individual student use or as a supplemental text for use in middle or junior high school science classes.

Exploring Apple GS/OS and ProDOS 8
Provides programming techniques for the GS/OS and ProDOS 8 operating systems.

Exploring the Apple IIgs
The architecture and capabilities of the 65816 microprocessor, Apple IIgs Programmer's Workshop, file management with ProDOS 16, and using Super Hi-Res graphics are among the topics covered.
GS/OS Reference
Programmer's guide to the Apple IIgs operating system.

GS/OS Driver Reference
Information about GS/OS drivers.
ADPA — Apple Computer, Inc., 20525 Mariani Ave., MS 33G, Cupertino, CA 95014, (800) 282-2732

Human Interface Guidelines
Defines the desktop interface used in Apple IIgs-specific programs.

ImageWriter LQ Reference
A technical reference for the ImageWriter LQ printer.

Inside the Apple IIC
A comprehensive guide to the internal workings of the Apple IIC.
Includes a brief overview of Apple Computer, Inc.
Brady Communications Co., Inc., Dept. TS, Bowie, MD 20715.

Inside the Apple IIe
A comprehensive volume for developing programs for the Apple IIe.
Includes technical information about the Ile and a history of Apple Computer, Inc. Knowledge of AppleSoft and a familiarity with the 6502 assembly language is recommended.
Brady Communications Co., Inc., Dept. TS, Bowie, MD 20715.

Inside ProDOS 16
A close-up look at ProDOS 16.

LaserWriter Reference
A technical resource for laser printers.
Programmer's Introduction To The Apple IIgs
Essential concepts for programming the Apple IIgs.

Programming The 65816
A teaching manual and reference guide for the 65816.
Brady Books/Simon & Schuster, 1 Gulf & Western Plaza, 14th Fl., New York, NY 10023, (212) 373-8500.

Programming The Apple IIgs In Assembly Language
Tells how to program the Apple IIgs in a step-by-step manner.
Brady Books/Simon & Schuster, 1 Gulf & Western Plaza, 14th Fl., New York, NY 10023, (212) 373-8500. Also available from the author: Ron Lichtry, P.O. Box 27262, San Francisco, CA 94127, (415) 564-2697.

Smart Apples: 31 Artificial Intelligence Experiments with the Apple II, II+, IIe, IIc, and IIgs
Instructions are presented that enable a user to perform hands-on artificial intelligence experiments. Includes hardware information, software recommendations, reviews of telecommunications programs, and a description of software designed for the mouse.

Technical Introduction To The Apple IIgs
An overview of the Apple IIgs written for programmers.

The UltraMacros Primer
Tells how to use TimeOut UltraMacros, from the TimeOut Series of AppleWorks enhancements.
National AppleWorks Users Group, PO Box 87453, Canton, MI 48187, (313) 454-1115.

Using AppleWorks GS
A comprehensive guide to using the six integrated applications of AppleWorks GS.
X-Ref (Cross-Reference) For Apple II Books And Notes
Contains indexes to all of the programming books for the Apple II family of computers.
APDA — Apple Computer, Inc., 20525 Mariani Ave., MS 33G, Cupertino, CA 95014, (800) 282-2732.

Periodicals The Apple II periodicals in this listing are organized alphabetically by publication title.

8/16
A monthly Apple II magazine featuring tips and techniques for programmers.
Ariel Publishing, P.O. Box 398, Pateros, WA 98946, (509) 923-2249.

A-2 Central (formerly Open Apple)
A monthly newsletter covering the Apple II computing environment. The heart of the newsletter is letters from readers.
A-2 Central, P.O. Box 11250, Overland Park, KS 66207, (913) 469-6502.

The AppleWorks Educator
A newsletter covering AppleWorks, written for educators and anyone interested in education.
AACE, P.O. Box 60730, Phoenix, AZ 85082.

AppleWorks Forum
A 36-page monthly newsletter for NAUG members and AppleWorks users.
National AppleWorks Users Group, P.O. Box 87453, Canton, MI 48187, (313) 454-1115.

Call A.P.P.L.E.
This periodical has ceased publication with the Winter 1990 issue. However, past issues offer a lot of information for Apple II users. This title was widely distributed and indexed.
TechAlliance, 290 SW 43rd St., Renton, WA 98055, (206) 251-5222.
GS+
A bimonthly magazine (also available on disk) for Apple IIgs users.
EGO Systems, P.O. Box 15366, Chattanooga, TN 37415-0366,
(615) 870-4960.

inCider/A+
A monthly magazine covering the entire family of Apple II computers, written for educators and home consumers.
IDG Communications/Peterborough, 80 Elm St., Peterborough,
NH 03458, (603) 924-9471 or (800) 289-0619.

The Road Apple
A bimonthly newsletter for users of all Apple II computers.
RA Enterprises, 1121 N.E. 177, Ste. B, Portland, OR 97230, (503)
254-3874.

Nibble
A monthly magazine for Apple II users, enthusiasts, and hobbyists.
Mindcraft Publishing Co., 52 Domino Dr., Concord, MA 01742,
(508) 371-1660.

Software Information! For Apple II Computers
A biannual directory that lists more than 12,000 software titles for
Apple II computers. Includes publisher's name, system requirements,
price, and a brief product description of the software. The directory
has listings by subject or category, by publisher, by product title, and
publisher information.
MENU Publishing, P.O. Box MENU, Pittsburgh, PA 15241,
(800) 843-6368.
On-Line Services

Access a world of information and software without ever leaving your Apple II

Nationwide on-line services, such as those listed in this section, provide a variety of information about your Apple II computer, business and personal services, and interpersonal communications capabilities.

Traditionally, a user’s Apple II communicates with an on-line service via communications software, a modem, and a telephone hook-up over which files can be uploaded and downloaded. Many services offer substantial discounts for calling during off-peak hours.

Basic services provided include up-to-the-minute news, weather, sports, and stock-market information; bulletin-board listings; entertainment news and features; travel and shopping services; airline reservations; classified ads; and remote printing services. Many of the on-line services offer Apple II forums where focus topics such as AppleWorks, databases, games, communications, and other items of interest are covered.

On-line services are listed in alphabetical order.

America Online features consumer-oriented services such as electronic mail, bulletin boards, multiplayer games, travel news, stock quotes, world and national news, sports news, and more. System requirements include an Apple II, Hayes-compatible modem, 512K, and ProDOS 16 (disk also contains ProDOS 8 version that will be launched if 256K). America Online is not copy protected.
Quantum Computer Services, Inc.; 8619 Westwood Center Dr.; Vienna, VA 22182; (800) 227-6364.

CompuServe Information Service provides standard on-line features such as news, weather, stock quotes, sports, and electronic mail, plus special Apple II entertainment, productivity, and vendor forums. System requirements include an Apple II, modem, and communications software. Special Vidtex communications software is available.
CompuServe Information Service; PO Box 20212; Columbus, OH 43220; (614) 457-0802 outside U.S. or (800) 848-8199.
Delphi services include electronic mail; on-line shopping; computer, personal, and hobby special-interest groups; downloadable public-domain and shareware programs; real-time conferencing; multiplayer games; news, weather, and sports reports; and more. System requirements include an Apple II, a modem, and a communications program.

General Videotex Corp.; Three Blackstone St.; Cambridge, MA 02139; (617) 491-3342.

Dow Jones News/Retrieval has 55 separate on-line databases that offer a wide variety of general news and financial information to users of a number of personal computer systems, including the Apple II, workstations, and mainframe terminals. Several major magazines and newspapers can be accessed on-line, including The Wall Street Journal, L.A. Times, Money, Forbes, etc. System requirements include a modem and communications software.

Dow Jones & Company, Inc.; PO Box 300; Princeton, NJ 08543; (609) 520-4641.

GENie offers electronic mail, updated news and weather reports, travel news, stock-exchange reports, and other information, as well as one of the most active Apple II special-interest groups in the country. System requirements include an Apple II, modem, and communications software.

General Electric Information Services Co.; 401 N. Washington St.; Rockville, MD 20850; (800) 638-9636.

SeniorNet offers general news, weather, sports, electronic mail, conferencing, and news of interest to seniors. It is available to senior Apple II users through Delphi. System requirements include an Apple II, a modem, and a communications program.

General Videotex Corp.; Three Blackstone St.; Cambridge, MA 02139; (617) 491-3342.

SpecialNet is a telecommunications service devoted to serving the information and special-interest needs of professionals in the special-education and rehabilitation fields. System requirements include an Apple II, modem, and communications software.

GTE Education Services; SpecialNet, Ste. 315; 2021 K St. N.W.; Washington, DC 20006; (202) 835-7300.