

OCTOBER 21, 1991

Apple Computer, Inc. Suggested Retail Prices

Apple II Products

Product	Description	Suggested Retail Price (Each)
<u>APPLE II CPUs</u>		
A2S2128	Apple® IIe 128K CPU	829.00
A0012LL/A	Apple IIGS® 1MB CPU <i>System disk, System Tools and Guided Tour disks provided on 3.5" media only.</i>	1149.00
<u>APPLE II MONITORS</u>		
A2M6020	AppleColor Composite Monitor (IIGS)	399.00
A2M6014	AppleColor RGB Monitor (IIGS)	599.00
A2M6021	AppleColor Composite Monitor IIe	399.00
<u>APPLE II DRIVES</u>		
A9M0106	Apple 3.5 Drive (IIGS)	399.00
A2M2053	UniDisk 3.5 Drive (white)(IIe) <i>Use as a second drive.</i>	399.00
A9M0107	Apple 5.25 Drive	329.00
A9C0320	Apple IIe Accessory Kit (<i>includes controller card</i>) <i>To use the 5.25 drive with the 128K Apple IIe also requires A2D4041.</i>	50.00
A2D4041	Apple II System Disk User's Guide <i>To use the 5.25 drive with the 128K Apple IIe also requires A9C0320.</i>	19.00
M2700LL/C	AppleCD SC Plus <i>Requires SCSI Card and appropriate SCSI cable configuration.</i>	799.00
<u>APPLE II EXPANSION</u>		
A2M2058	Apple II 256K Memory Expansion Kit	159.00
A2B6002	Apple IIGS Memory Expansion Card	229.00
A2B2086	Apple IIe Memory Expansion Card	229.00
A0220LL/A	Apple II High-Speed SCSI Card (<i>requires appropriate SCSI cables</i>)	129.00
A2B2023	Extended 80-Column Text Card (IIe)	100.00
A2B0044	Super Serial Card	139.00
A2B2092	Apple II Video Overlay Card	549.00
A2S6001	Apple IIGS Upgrade (256K) <i>A credit will be issued upon return of old IIe logic board.</i>	499.00
M0142	Apple Desktop Bus Mouse - for IIGS Upgrade	99.00
A2C6001	Apple IIe Case Replacement - for IIGS Upgrade	N/C
<u>APPLE II MISCELLANEOUS ACCESSORIES</u>		
M2705	AppleCD SC Caddy (box/5)	50.00/bx
A2M2012	Joystick II	59.95
A2M6004	Apple IIGS System Fan <i>System Fan is required if 3 or more expansion cards are used.</i>	49.00
A9M0103	Apple MIDI Interface <i>Connects Apple IIGS to MIDI equipped musical instruments. Cables included.</i>	99.00
A2M2070	AppleMouse IIe	149.00
A2M2052	Apple IIe Enhancement Kit <i>Suggested Retail Price includes installation fee.</i>	70.00

All peripherals should be ordered with the appropriate cables.

Macintosh® Notebook/Portable Products

Product	Description	Suggested Retail Price
<u>MACINTOSH POWERBOOKS</u>		(Each)
Includes AppleTalk Remote Access software and AC Adapter.		
M0567LL/A*	Macintosh PowerBook 100 2MB Hard Disk 20	2299.00
M1045LL/A*	Macintosh PowerBook 100 2MB Hard Disk 20	2499.00
	w/External SuperDrive	
M0511LL/A*	Macintosh PowerBook 140 2MB Hard Disk 20	2899.00
M1049LL/A*	Macintosh PowerBook 140 2MB Hard Disk 40	3199.00
M1227LL/A*	Macintosh PowerBook 140 4MB Hard Disk 40	3499.00
M1057LL/A*	Macintosh PowerBook 170 4MB Hard Disk 40	4599.00
	<i>Includes internal Fax/Data modem.</i>	

MACINTOSH POWERBOOK MEMORY & PERIPHERALS

M1032LL/A*	Macintosh PowerBook 2MB Memory Exp. Kit	399.00
	<i>Requires installation by an authorized Apple Service Provider.</i>	
M1033LL/A*	Macintosh PowerBook 4MB Memory Exp. Kit	899.00
	(available February)	
	<i>Requires installation by an authorized Apple Service Provider.</i>	

M0970LL/A*	Macintosh PowerBook Fax/Data Modem	349.00
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M1183LL/A*	Macintosh PowerBook 100 Rechargeable Battery	99.00
M5130LL/A*	Macintosh PowerBook 100 Battery Recharger	159.00
	(available January)	
	<i>Uses AC Adapter.</i>	

M5545LL/A*	Macintosh PowerBook 140/170 Rechargeable Battery	99.00
M1027LL/A*	Macintosh PowerBook 140/170 Battery Recharger	159.00
	<i>Uses AC Adapter.</i>	

M1058LL/A*	Macintosh PowerBook AC Adapter	99.00
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M2539LL/A*	Apple HDI-30 SCSI Disk Adapter	49.00
	<i>Enables use of the PowerBook 100 as an external hard disk with another Macintosh system.</i>	

M2538LL/A*	Apple HDI-30 SCSI System Cable	49.00
	<i>Connects any Macintosh PowerBook to a SCSI device.</i>	

M8061*	Macintosh HDI-20 External 1.4MB Floppy Disk Drive	279.00
	<i>(PowerBook 100 only)</i>	

M0142	Apple Desktop Bus Mouse	99.00
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MACINTOSH PORTABLE PERIPHERAL OPTIONS

M0239	Macintosh Portable Numeric Keypad Module	69.00
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Requires installation by an authorized Apple Service Provider.

M0250	Macintosh Portable Data Modem 2400	449.00
M0275	Macintosh Portable Battery Recharger (<i>includes power adapter</i>)	129.00
M0277	Macintosh Portable Rechargeable Battery	49.00

*** = New Product.**

Macintosh Products

Suggested
Retail
Price

MACINTOSH ENTRY LEVEL CPUs

(Each)

Keyboard included unless otherwise noted.

M0421LL/A	Macintosh Classic 1MB CPU	999.00
	<i>No coupon, includes System Software v6.0.7.</i>	
M0435LL/A	Macintosh Classic 2MB Hard Disk 40 CPU	1499.00
	<i>Coupon for System Software v7 attached to the CPU box.</i>	

M1540LL/A*	Macintosh Classic II 2MB Hard Disk 40 CPU	1899.00
M1542LL/A*	Macintosh Classic II 4MB Hard Disk 80 CPU	2399.00

M0442LL/B	Macintosh LC 2MB Hard Disk 40 CPU	2499.00
M1199LL/B	Macintosh LC 2MB Hard Disk 40 CPU w/512K VRAM <i>(no keyboard)</i>	2499.00
M1201LL/A	Macintosh LC 4MB Hard Disk 80 CPU w/512K VRAM <i>(no keyboard)</i>	2999.00
	<i>Includes coupon for System Software v7.</i>	

MACINTOSH II CPUs

Keyboard and Monitor sold separately.
Video Card required with Macintosh IIcx.

M0491LL/B	Macintosh IIxi 3MB Hard Disk 40 CPU	3769.00
M0364LL/B	Macintosh IIxi 5MB Hard Disk 80 CPU	4569.00
M5728LL/A	Macintosh IIci 5MB CPU w/Cache Card	5269.00
M5718LL/A	Macintosh IIci 5MB Hard Disk 80 CPU w/Cache Card	5969.00
M5742LL/A	Macintosh IIci 4MB Hard Disk 80 Parity CPU w/Cache Card	6369.00
	<i>(Allow approximately 4 weeks for delivery)</i>	
M5722LL/A	Macintosh IIci 5MB Hard Disk 160 CPU w/Cache Card	6569.00
M5510LL/B	Macintosh IIcx 4MB CPU	7369.00
M5515LL/B	Macintosh IIcx 4MB Hard Disk 80 CPU	8069.00
M5520LL/B	Macintosh IIcx 4MB Hard Disk 160 CPU	8669.00

MACINTOSH QUADRA CPUs

Keyboard and Monitor sold separately.

M5921LL/A*	Macintosh Quadra 700 4MB CPU	5699.00
M5922LL/A*	Macintosh Quadra 700 4MB Hard Disk 80 CPU	6399.00
M5923LL/A*	Macintosh Quadra 700 4MB Hard Disk 160 CPU	6999.00
M4210LL/A*	Macintosh Quadra 900 4MB CPU	7199.00
M4230LL/A*	Macintosh Quadra 900 4MB Hard Disk 160 CPU	8499.00

MACINTOSH KEYBOARDS

M0116	Apple Keyboard	129.00
M0312	Apple Extended Keyboard II	229.00

*** = New Product.**

Product	Description	Suggested Retail Price (Each)
MACINTOSH DISPLAYS, CARDS, & VIDEO EXPANSION		
M0298LL/A	Macintosh 12" Monochrome Display <i>Ifx requires Display Card 8•24 or 8•24GC. LC, IIsi, IICI and Quadra use built-in support.</i>	299.00
M0297LL/C	Macintosh 12" RGB Display <i>Ifx requires Display Card 8•24 or 8•24GC. LC, IIsi, IICI and Quadra use built-in support.</i>	599.00
M0401LL/B	AppleColor High-Resolution RGB Monitor <i>Ifx requires Display Card 8•24 or 8•24GC. LC, IIsi, IICI and Quadra use built-in support.</i>	999.00
M5812LL/A*	Macintosh 21" Color Display (available January) <i>Ifx, IIsi (w/NuBus Adapter Card), IICI require Display Card 8•24 or 8•24GC. Quadra uses built-in support.</i>	4599.00
M0402	Apple Two-Page Monochrome Monitor <i>Ifx, IIsi (w/NuBus Adapter Card), IICI require Display Card 8•24 or 8•24GC. Quadra uses built-in support.</i>	2149.00
M0404	Apple Macintosh Portrait Display <i>Ifx requires Display Card 8•24 or 8•24GC. LC, IIsi, IICI and Quadra use built-in support.</i>	1099.00
M0507PA/B	Macintosh Display Card 8•24 <i>Requires System Software 6.0.5 or later.</i>	699.00
M0122	Macintosh Display Card 8•24 GC <i>Requires System Software 6.0.5 or later.</i>	1999.00
M0505LL/A	Macintosh Display Card DRAM Expansion Kit <i>For use with Macintosh Display Card 8•24 GC. Requires installation by an authorized Apple Service Provider.</i>	499.00
M5951LL/A*	Macintosh VRAM Expansion Kit <i>Provides greater on-screen colors for Macintosh Quadra. Upgrades Macintosh Display Card 4•8 to 8•24. Requires installation by an authorized Apple Service Provider.</i>	175.00
M0517LL/A	Macintosh LC 512K VRAM SIMM <i>Provides greater on-screen colors for Macintosh LC. Requires installation by an authorized Apple Service Provider.</i>	175.00
M0403	Apple Universal Monitor Stand	89.00

*** = New Product.**

		Suggested Retail Price (Each)
<u>MACINTOSH DRIVES & STORAGE DEVICES</u>		
A9M0106	Apple 3.5 Drive	399.00
M0112	Apple External FDHD SuperDrive	399.00
M2688/A	Apple Hard Disk 80SC (w/SCSI System Cable & Cable Terminator)	1099.00
M0247	Apple Internal FDHD SuperDrive	349.00
<i>For use as a second drive for Macintosh FDHD SE, IIx or IIfx. Requires installation by an authorized Apple Service Provider.</i>		
M2700LL/C	AppleCD SC Plus	799.00
<i>Requires appropriate SCSI configuration.</i>		

APPLE SCANNER

Requires appropriate SCSI cables.

B0634LL/A*	Apple OneScanner w/Accessory Kit	1299.00
A9M0338	Apple Scanner Replacement Lamp	35.00

MACINTOSH MEMORY (DRAM)

These products require installation by an authorized Apple Service Provider.
See the Macintosh Displays section for VRAM.

M6361LL/A	Macintosh Classic 1MB Memory Exp. Card <i>(for 1MB Classic only)</i>	149.00
M0218	Macintosh 1MB Memory Exp. Kit (4-256K SIMMs) <i>(SE/30, II, IIx, IIcx only)</i>	149.00
M0291LL/A	Macintosh IIci 1MB Memory Exp. Kit (4-256K SIMMs)	125.00
M0219	Macintosh 2MB Memory Exp. Kit (2-1MB SIMMs) <i>(Plus, SE, LC, 2MB Classic, Classic II only)</i>	225.00
M0707	Macintosh 4MB Memory Exp. Kit (4-1MB SIMMs) <i>(SE/30, II, IIx, IIcx only)</i>	425.00
M0292LL/A	Macintosh 4MB Memory Exp. Kit (4-1MB SIMMs) <i>(IIci, IIsi, Quadras only)</i>	425.00
M0294LL/A	Macintosh IIci 4MB Parity Memory Exp. Kit (4-1MB Parity SIMMs)	475.00
M0376LL/A	Macintosh IIfx 4MB Memory Exp. Kit (4-1MB SIMMs)	425.00
M0513LL/A	Macintosh IIci/IIsi 8MB Memory Exp. Kit (4-2MB SIMMs)	825.00

MACINTOSH MISCELLANEOUS ACCESSORIES

M0132	40MB Tape Backup Cartridges (box/5 preformatted cartridges)	199.00/bx
M2705	AppleCD SC Caddy (box/5)	50.00/bx
A9M0103	Apple MIDI Interface <i>Connects Apple IIGS or Macintosh CPUs to MIDI equipped musical instruments. Cables included.</i>	99.00

*** = New Product.**

All peripherals should be ordered with the appropriate cable.

Macintosh Upgrades

Product	Description	Suggested Retail Price (Each)
MACINTOSH ENTRY LEVEL UPGRADES		
These Products require installation by an authorized Apple Service Provider. System Software provided by reseller unless otherwise noted.		
M1545LL/A*	Macintosh Classic II Logic Board Upgrade <i>To upgrade Macintosh Classic to Macintosh Classic II. Also includes 2MB RAM, system software, microphone and new case. System Software requires hard disk (not included).</i>	699.00
M0247	Apple Internal FDHD SuperDrive <i>(also for use with M1102LL/A)</i> <i>To upgrade Macintosh SE with an FDHD SuperDrive.</i>	349.00
M1102LL/A	Macintosh SE/30 Logic Board Upgrade <i>To upgrade Macintosh SE to Macintosh SE/30. DRAM is required and must be purchased separately.</i>	999.00
M6052/B	Macintosh SE FDHD Upgrade Kit <i>To upgrade Macintosh SE to Macintosh FDHD SE. Includes Macintosh SE FDHD Rom Kit (M0242), and Internal FDHD SuperDrive (M0247),</i>	449.00
M0444LL/B	Apple IIe Card for Macintosh LC <i>Includes built-in connection for a 5.25" drive.</i>	199.00
M1222LL/A	Apple IIe Card Upgrade Package <i>Includes Software v2.0 for Cards purchased prior to August 15, 1991.</i>	29.00

MACINTOSH II UPGRADES

These products require installation by an authorized Apple Service Provider unless otherwise noted.
System Software provided by reseller.

M0221	68851 Paged Memory Management Unit (PMMU) <i>(Macintosh II only)</i> <i>Optional co-processor for Macintosh II. With PMMU, Macintosh II can take advantage of virtual memory in future releases of the Macintosh operating system. PMMU is also required to run A/UX on Macintosh II.</i>	499.00
M6051/C	Macintosh II FDHD Upgrade Kit <i>Includes Internal FDHD SuperDrive (M0247), and ROM/SWIM Kit (M0244).</i>	449.00
M0375LL/B	Macintosh IIx Logic Board Upgrade <i>To upgrade Macintosh II (w/M0247) or IIx to Macintosh IIx. DRAM is required (4MB) and must be purchased separately.</i>	2599.00
M5816LL/A	Macintosh IIci Logic Board Upgrade <i>To upgrade Macintosh IIcx to Macintosh IIci. DRAM is required and must be purchased separately.</i>	1499.00
M0326LL/B	Macintosh IIci Cache Card <i>(customer installable)</i>	399.00
M0480LL/A	Macintosh IIsi 030 Direct Slot Adapter Card <i>Allows addition of one 030 Direct Slot Expansion Card. Customer installable. Includes 68882 floating point math co-processor.</i>	249.00
M0481LL/A	Macintosh IIsi NuBus Adapter Card <i>Allows addition of one NuBus Expansion Card. Customer installable. Includes 68882 floating point math co-processor.</i>	249.00

These components contain proprietary software, that is licensed, rather than sold to you in conjunction with the sale of the non-software items. These components may be used only for replacement of the same or comparable components in Apple Products. These components may not be sold or sublicensed except to the owner of an Apple Product as part of the servicing or upgrade of that Product, and the replaced component must be received in exchange.

A/UX[®] 2.0.1 Products

See the Apple Support Products section for Technical Assistance Products.
See the Apple In Print catalog for A/UX Selling Material.

Product	Description	Suggested Retail Price (Each)
CPU's		
Includes A/UX pre-installed, 30 days of Technical Answerline support and release notes. Keyboard & Monitor not included. Orders for these A/UX CPU's cannot be cancelled or changed after receipt by Support Center. Allow approximately 4 weeks for delivery - subject to product availability constraints.		
B0451LL/B	Macintosh IIsi A/UX Hard Disk 80 CPU (5MB) <i>Includes A/UX CPU w/NuBus Adapter Card (M1091LL/A), and A/UX CD-ROM Update Product (M0599LL/A).</i>	5169.00
B0452LL/C	Macintosh IIsi A/UX Hard Disk 80 CPU (8MB) <i>Includes A/UX CPU w/Cache Card (M5738LL/A), and A/UX CD-ROM Update Product (M0599LL/A).</i>	6869.00
B0565LL/B	Macintosh IIsi A/UX Hard Disk 160 CPU (8MB) <i>Includes A/UX CPU w/Cache Card (M5739LL/A), and A/UX CD-ROM Update Product (M0599LL/A).</i>	7469.00
B0453LL/B	Macintosh IIcx A/UX Hard Disk 160 CPU (4MB) <i>Includes A/UX CPU (M1093LL/A), and A/UX CD-ROM Update Product (M0599LL/A).</i>	9269.00
B0471LL/B	Macintosh IIcx A/UX Hard Disk 160 CPU (8MB) <i>Includes A/UX CPU (M1094LL/A), and A/UX CD-ROM Update Product (M0599LL/A).</i>	9669.00

MEDIA

Requires 4MB RAM & Macintosh SE/30, IIsx, IIsi, IIcx, IIci, IIfx or Macintosh II (w/PMMU upgrade).
Includes 30 days of Technical Answerline support, release notes, Basic Manual Set and Installation Guide.
To copy A/UX to multiple systems, order 1 of the Media or CPU product and multiples of the Right-to-Copy license (M0740LL/A).

M0598LL/A	A/UX 2.0.1 CD-ROM Product	795.00
M0616LL/A	A/UX 2.0.1 Floppy Product	995.00

A/UX MANUAL SETS

B0274LL/A	Manual Set (includes M0429LL/A, M0430LL/A, M0431LL/A)	800.00
M0429LL/A	User Kit <i>For users with a need to use A/UX with traditional UNIX commands.</i>	275.00
M0430LL/A	Programmer's Kit <i>For users developing UNIX applications for A/UX.</i>	400.00
M0431LL/A	System Administrator Kit <i>For system administrators of A/UX systems & workgroups.</i>	175.00
M0748LL/B	X Window System Manuals for A/UX <i>(for users needing additional X Window manuals)</i>	195.00

SOFTWARE UPDATES for A/UX 2.0 USERS

To update multiple systems, order 1 Incremental Update Kit and multiples of the Right-to-Update license (M0741LL/A).
Customers who purchased A/UX Manuals (M0429LL/A, M0430LL/A, M0431LL/A) with their A/UX 2.0 systems don't need to purchase the Update Manual Kit (B0275LL/A).

M0516LL/A	A/UX Incremental Update Kit (<i>floppy disks to update 2.0 to 2.0.1</i>) <i>Includes release notes and manuals (Installation, MacX User's Guide and MacX supplement for A/UX).</i>	175.00
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SOFTWARE UPDATES for A/UX 1.0, 1.1 & 1.1.1 USERS

To update multiple systems, order 1 Update Product and multiples of the Right-to-Update license (M0741LL/A).

M0599LL/A	A/UX Update Product - CD-ROM (<i>updates any version prior to 2.0</i>) <i>Includes Basic Manual Set and Installation Guide.</i>	275.00
B0275LL/A	A/UX Manual Update Product	750.00

*Upgrades previous manuals to 2.0 (B0274LL/A).
Includes M0488LL/A, M0489LL/A, M0490LL/A.*

A/UX Right-To and X Window System Products are on the following page.

Suggested

Product	Description	Retail Price (Each)
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A/UX RIGHT-TO PRODUCTS

License/Invoice only - no software. Each licensing product requires a completed licensing application available on AppleLink under the Apple Products icon in the A/UX folder.

M0740LL/A	Right-to-Copy A/UX 2.0.1 to one additional system <i>To copy to more than one system, order multiples of M0740LL/A.</i>	495.00
M0741LL/A	Right-to-Update A/UX 2.0.1 to one additional system <i>To update more than one system, order multiples of M0741LL/A.</i>	99.00
M0597LL/A	A/UX Basic Manual Set <i>For right-to-copy and right-to-update customers that need basic manuals for the additional systems. Includes A/UX Essentials, Setting Up Accounts & Peripherals, Road Map, MacX User's Guide and MacX supplement for A/UX.</i>	195.00

X WINDOW SYSTEM PRODUCTS

For A/UX 2.0 and 2.0.1.

MacX 1.1 included with A/UX 2.0.1.

M1181LL/A	X11 for A/UX <i>(includes manuals M1182LL/A)</i>	195.00
M0749LL/B	X Window System Right-to-Copy to one additional system <i>To copy to more than one system, order multiples of M0749LL/B.</i>	55.00
M1182LL/A	X11 for A/UX Manuals <i>For users needing additional manuals for "copy" systems.</i>	95.00
M0747LL/B	X Window System/MacX Site License <i>Allows unlimited copies of any Apple X Window System and MacX 1.1 software on a qualified site. Site License applications are available under the Apple Products icon on AppleLink in the A/UX folder.</i>	3995.00

Apple Software

For software update subscriptions see the Apple Support Products section.
See the Networking & Communications section for additional Apple software.

Product	Description	Suggested Retail Price
<u>MACINTOSH SOFTWARE</u>		
M0681/C	Macintosh System Software v6.0.8	(Each) 49.00
M8220LL/A	Macintosh System Software v7 Personal Upgrade Kit <i>Requires mimimum 2MB RAM and a hard drive. Includes System Software, HyperCard, compatability information, manuals, and 90 day upgrade phone support.</i>	99.00
M8221LL/A	Macintosh System Software v7 Group Upgrade Kit <i>Requires mimimum 2MB RAM and a hard drive (or optional AppleCD SC drive). Recommended when upgrading 6 or more systems. Includes System Software, HyperCard, compatability information, System 7 Upgrade CD-ROM disc, Group Upgrade Guide, manuals (1set), and 180 day upgrade phone support and a site license.</i>	349.00
M8223LL/A	Macintosh System Software v7 Manuals (5/pack) <i>For site license customers needing additional manuals. Includes "What's New in Macintosh System Software v7," "Macintosh Reference" and "Macintosh Networking.</i>	249.00/pk

MACINTOSH DEVELOPMENT SOFTWARE

These products are available through APDA. To subscribe or order products from APDA, call 800-282-2732.
For more information see the Apple Development Tools folder under the Developer Services icon on AppleLink.

MacApp 2.0.1	275.00	MPW C v3.1	150.00
MPW Development Environment v3.1	150.00	MPW C Bundle v3.1	400.00
MPW C++ v3.1	175.00	MPW C & Object Pascal Bundle v3.1	525.00

APPLE II SOFTWARE

A2D4041	Apple II System Disk User's Guide <i>To use the 5.25 drive with the 128K Apple IIe order A9C0320 (includes controller card) and A2D4041.</i>	19.00
A0013LL/A	Apple IIGS System Software v5.0.4 <i>Requires minimum 512K RAM. Network use requires minimum 768K RAM.</i>	49.00
A0027LL/A	HyperCard IIGS <i>Requires minimum 1.5MB RAM and a hard drive. Requires System Software 5.0.4 or later.</i>	99.00

Networking & Communications Products

For software update subscriptions see the Apple Support Products section.
See the Apple Development Products folder on AppleLink for additional N&C products.
See the Apple In Print catalog for N & C Selling Material.

Product	Description	Suggested Retail Price
TELECOMMUNICATIONS		
HARDWARE		
C0002LL/A	Apple Modem 2400 <i>(requires appropriate cables)</i>	349.00
SOFTWARE		
A2D2013	Apple Access II v1.3.1	75.00
M0708	MacTerminal [®] v3.0	125.00
M0108LL/C	MacX 1.1.7	295.00
<i>Site License available (M0747LL/B), see page 8.</i>		
M1197LL/A*	MacX 1.1.7 Update	95.00
<i>Upgrade for 1.0 or 1.1 customers needing System 7 Support.</i>		
M0602LL/B	MacX Manual Set <i>(for users needing additional manuals)</i>	85.00
APPLETALK NETWORK		
HARDWARE		
M0417LL/A	Apple Ethernet NB Card <i>(transceiver required)</i>	424.00
<i>Requires a NuBus Adapter Card when used with the IIsi.</i>		
M0443LL/A	Apple Ethernet LC Card <i>(transceiver required)</i>	199.00
M0437LL/A	Apple Ethernet Twisted Pair Transceiver	175.00
M0329LL/A	Apple Ethernet Thin Coax Transceiver	175.00
M0833LL/A	Apple Ethernet 5 meter Thin Coax Cable	49.00
M0436LL/A	Apple Ethernet 13 meter Plenum Cable	99.00
M0432LL/A	Apple Ethernet AUI Adapter	175.00
A2B2088	Apple II Workstation Card	249.00
SOFTWARE		
B0572LL/A	AppleShare [®] File Server v2.0.1 w/System Software v6.0.8	799.00
M0559/A	AppleShare User Guide 5-Pack	129.00
M0565	AppleShare Fileserver and Print Server 4 Manual Kit	129.00
<i>Includes 1 User's guide, 1 Macintosh Admin. guide, 1 Apple II Admin. guide, and 1 Print Server guide.</i>		
B0573LL/A	AppleShare Print Server v2.0.1 w/System Software v6.0.8	299.00
M0705	AppleTalk [®] Internet Router v2.0	399.00
M0033LL/A*	AppleTalk Remote Access	199.00
M0697	Inter•Poll™ Network Administrator's Utility v1.0.1	129.00

* = New Product.

Continued on the following page.

Product	Description	Suggested Retail Price (Each)
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**SNA COMMUNICATIONS
HARDWARE**

M0237	Apple TokenTalk [®] NB Card <i>(not available until December)</i> <i>Requires a NuBus Adapter Card when used with the Ilsi.</i>	1250.00
M0261/A	Apple Coax/Twinax Card	1250.00
M0264	Apple Serial NB Card <i>(requires RS232 or V.35 cable)</i> <i>Requires a NuBus Adapter Card when used with the Ilsi.</i>	1195.00
M0128LL/A	Apple RS232 Cable	129.00
M0127LL/A	Apple V.35 Cable	189.00
M0145LL/A	Macintosh Coprocessor Platform Memory Exp. Kit <i>Contains 2 sets of 512K to upgrade Serial NB and Coax/Twinax cards to a total of</i>	195.00

SOFTWARE

SNA•ps Gateway

Network gateway software that runs on an Apple Serial NB, Apple Coax/Twinax, or Apple TokenTalk NB card in a Macintosh II. Provides SNA-direct or AppleTalk gateway services to IBM host systems for Macintosh users and their applications.

M1037LL/A	SNA•ps Gateway/8	1495.00
M1038LL/A	SNA•ps Gateway/32	2995.00
M1039LL/A	SNA•ps Gateway/64	4495.00

SNA•ps 3270

3270 terminal emulation software for any Macintosh from the Plus and up. Full function terminal emulation application and SNA connectivity package that can connect directly to SNA networks, or over an AppleTalk network through a SNA•ps Gateway.

M0499LL/A	SNA•ps 3270	345.00
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For direct connection to an SNA network or as a Gateway client on an AppleTalk network. Direct connection requires an Apple Serial NB, Apple Coax/Twinax, or Apple TokenTalk NB card and Macintosh II system.

M1220LL/A	SNA•ps 3270 GC	125.00
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Requires a SNA•ps gateway be installed on the AppleTalk network.

HOST INTEGRATION PRODUCTS

These products are available through APDA. To subscribe to or order products from APDA, call 800-282-2732.

Data Access Language Developer's Toolkit	695.00
Data Access Language Server for VAX/VMS (9 track format)	5000.00
Data Access Language Server for VAX/VMS (TK 50 format)	5000.00
Data Access Language Server for VM/CMS	15000.00
Data Access Language Server for MVS/TSO	20000.00
MacWorkstation	100.00
MacTCP	100.00
MacAPPC	200.00

Apple Printers

Product	Description	Suggested Retail Price (Each)
<u>PERSONAL LASERWRITER PRODUCTS</u>		
Personal LaserWriter Toner Cartridges in short supply until early December.		
B0454LL/B	Personal LaserWriter LS w/Toner Cartridge & Acc. Kit <i>Macintosh only - requires System Software 6.0.7 or later. Includes Apple System Peripheral - 8 Cable (M0197).</i>	1299.00
B0325LL/A	Personal LaserWriter NT w/Toner Cartridge & Letter Cassette	2599.00
M0097LL/A	Personal LaserWriter NT Controller Card <i>To upgrade a Personal LaserWriter SC to a Personal LaserWriter NT. Requires return of original Personal LaserWriter SC card.</i>	600.00
M0089LL/A	Personal LaserWriter Toner Cartridge <i>In short supply until early December.</i>	99.00
M0091LL/A	Personal LaserWriter Letter Cassette	79.00
M0302LL/A	Personal LaserWriter Legal Cassette	79.00
M0094LL/A	Personal LaserWriter Envelope Cassette	89.00
M8028G/A	Personal LaserWriter LS Paper Feeder <i>Required with Personal LaserWriter LS when using a paper/envelope cassette. Recommend installation by an authorized Apple Service Provider.</i>	120.00
<u>LASERWRITER II PRODUCTS</u>		
B0627LL/A*	LaserWriter IIf w/Toner Cartridge & Letter Cassette	3599.00
B0628LL/A*	LaserWriter IIG w/Toner Cartridge & Letter Cassette	4599.00
M6501LL/A*	LaserWriter IIf Controller Board <i>To upgrade a LaserWriter IISC, IINT or IINTX.</i>	1549.00
M6500LL/A*	LaserWriter IIG Controller Board <i>To upgrade a LaserWriter IISC, IINT or IINTX or IIf.</i>	2549.00
M0445LL/A	LaserWriter IINTX Upgrade Kit <i>ROM rev for LaserWriter IINTX Controller Cards prior to M6004/A. Requires installation by an authorized Apple Service Provider.</i>	119.00
M6005	LaserWriter IINTX 1MB Memory Expansion Kit <i>Requires installation by an authorized Apple Service Provider.</i>	299.00
M6006	LaserWriter IINTX 4MB Memory Expansion Kit <i>Requires installation by an authorized Apple Service Provider.</i>	999.00
M6002	LaserWriter II Toner Cartridge	129.00
M0137	LaserWriter II Letter Cassette	89.00
M0139	LaserWriter II Legal Cassette	89.00
M0141	LaserWriter II Envelope Cassette	89.00
<u>LASERWRITER/LASERWRITER PLUS PRODUCTS</u>		
M0191	LaserWriter Plus Kit	899.00
M0229	LaserWriter Legal Cassette	75.00
M0228	LaserWriter Letter Cassette	75.00
M0180	LaserWriter Toner Cartridge	119.00

Controller Cards and Upgrade Kits contain proprietary software, that is licensed, rather than sold to you in conjunction with the sale of the non-software items. These components may be used only for replacement of the same or comparable components in Apple Products. These components may not be sold or sublicensed except to the owner of an Apple Product as part of the servicing or upgrade of that Product, and the replaced component must be received in exchange.

*** = New Product.**

LocalTalk Cables are on page 14.

To operate any LaserWriter II or Personal LaserWriter NT with Macintosh or Apple IIGS requires 2-M2068.

Product	Description	Suggested Retail Price (Each)
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STYLEWRITER PRODUCTS

B0438LL/B	StyleWriter Printer w/Acc. Kit & Ink Cartridge <i>Includes Apple System Peripheral - 8 Cable (M0197). Macintosh only - requires System Software 6.0.7 or later.</i>	599.00
M8052G/A	StyleWriter Ink Cartridge	22.99

IMAGewriter PRODUCTS

C0090LL/A	ImageWriter II Printer <i>(requires appropriate cables)</i>	595.00
A9B0314	ImageWriter II/LQ LocalTalk Option <i>For sharing a printer over the AppleTalk network. Recommend installation by an authorized Apple Service Provider.</i>	139.00
A9B0312	ImageWriter II 32K Memory Option <i>Allows Apple II users to continue working while printer is printing. For use with ImageWriter II printers A9M0320 and prior. Requires installation by an authorized Service Provider.</i>	99.00

APPLE PRINTER SUPPLIES

		(Per Box)
A2M0077	ImageWriter I and II Black Ribbon (box/6)	63.00
A9G0331	ImageWriter II Color Ribbon (box/6)	83.70
A9G0432	ImageWriter II Cut Sheet Feeder	225.00
A9G0335	ImageWriter LQ Black Ribbon (box/6)	114.00
A9G0336	ImageWriter LQ Color Ribbon (box/6)	150.00
A9G0340	ImageWriter LQ Cut Sheet Feeder	299.00
A9G0341	ImageWriter LQ Expansion Bin	169.00
A9G0343	ImageWriter LQ Envelope Attachment	49.00
A9G0328	Scribe Black Ribbon Cassette (box/12)	59.88

Apple Cables

Product	Description	Suggested Retail Price
SCSI CABLES		
		(Each)
M0206	Apple SCSI System Cable <i>Connects CPU to the first SCSI peripheral.</i>	50.00
M0207	Apple SCSI Peripheral Interface Cable <i>Connects any two SCSI peripherals together.</i>	45.00
M0208	Apple SCSI Cable Extender <i>Extends SCSI cables by one meter.</i>	40.00
M0332LL/A	Apple SCSI Cable Terminator <i>Filters noise on SCSI cabling. One terminator is required between each CPU and the first (and last) SCSI peripheral.</i>	30.00
LOCALTALK CABLES		
M2066	LocalTalk™ Locking Cable Kit-10 meter <i>Includes 10-meters of LocalTalk cable and one cable extender plug.</i>	75.00
M2068	LocalTalk Locking Connector Kit-din8 <i>Includes one LocalTalk connector with mini circular 8-pin plug, one 2-meter LocalTalk cable, and one cable extender plug for Apple IIGS, Macintosh Plus and II and the LaserWriter IINT, IINTX or Personal LaserWriter NT printers.</i>	75.00
M2065	LocalTalk Locking Connector Kit-DB9 <i>Includes one LocalTalk connector with DB9 plug, one 2-meter LocalTalk cable, and one cable extender plug for Macintosh 512K or the LocalTalk PC Card.</i>	75.00
M2069	LocalTalk Locking Cable Kit-25 meter <i>Includes one 25-meter LocalTalk cable and one cable extender plug.</i>	125.00
M2070	LocalTalk Custom Wiring Kit <i>Includes 100 meters of LocalTalk cable, 20 pre-assembled plugs, 20 cable-splicing mechanisms and 4 cable extender plugs.</i>	849.00
PRINTER/MODEM CABLES		
A2C0312	Apple II Modem - 8 Cable <i>Connects the Apple Personal Modem to Apple IIe and Apple IIGS equipped with a Super Serial Card. Connects ImageWriter II to Macintosh XL and Apple ///. Connects AppleLine to Macintosh Plus, II, or SE. Connects ImageWriter I to Apple IIc Plus.</i>	29.95
A9C0314	Apple II Printer - 8 Cable <i>Connects the ImageWriter II or LQ to Apple II+, Apple IIe, and Apple IIGS equipped with a Super Serial Card.</i>	29.95
A9M0332	Apple IIGS Desktop Bus Cable <i>Permits connection of 3rd party desktop peripherals to the Apple Desktop Bus Mouse.</i>	15.00
M0196	Macintosh Peripheral - 8 Cable <i>Connects the ImageWriter II or Apple modems to Macintosh 512K.</i>	29.95
M0197	Apple System Peripheral - 8 Cable <i>Connects ImageWriter II or LQ and Apple modems to Apple IIGS, Apple IIc Plus, (and AppleFax modem to) Macintosh (except 512K).</i>	29.95
M0199	Macintosh Peripheral Adapter <i>This adapter (circular 8 to DB9) when connected to Macintosh (except 512K) will enable use of peripherals and cables that require a DB9.</i>	20.00

Apple Support Products

Product	Description	Suggested Retail Price
<u>SUPPORT TOOLS</u>		
M0772LL/C	Technical Information Source <i>CD-ROM based technical information retrieval tool - for support providers.</i>	(Each) 400.00

APPLE SOFTWARE UPDATE SERVICE

Annual Subscription Fee provides software update coverage (with release documentation) for 12 months after order invoicing. Customers may update only those systems covered by the license agreement for the original software being updated. To make additional copies for distribution within your organization requires an RTU License Agreement (an application is included with the Software Update Program confirmation - see the fee schedule shown below). Subscriptions are non-refundable.

<u>New Orders</u>	<u>Renewal Orders</u>		(Per Subscription)
B0106LL/D	B0107LL/D	Macintosh Network Administration Package	350.00
<i>Provides update coverage for Macintosh System Software, AppleShare File Server, AppleShare Print Server.</i>			
B0108LL/C	B0109LL/C	Apple II Network Administration Package	220.00
<i>Provides update coverage for Apple IIGS System Software, AppleShare File Server, AppleShare Print Server, Aristotle.</i>			
A2P0070	A2P0080	Apple IIGS System Software	90.00
B0110LL/A	B0111LL/A	AppleShare File Server	70.00
B0112LL/A	B0113LL/A	AppleShare Print Server	65.00
M5037/A	M6068/A	Macintosh System Software <i>(includes right-to-update license)</i>	160.00

RIGHT-to-UPDATE (RTU) FEE

These fees are for reference only and are not orderable as a finished good. RTU update license applications are handled directly between Apple and the Licensee. An application is included with the Software Update Program confirmation. Copying updated software to additional workstations/servers requires a license agreement (and applicable fees) shown below. A Single RTU License provides Right-to-Update coverage for one additional workstation/server. Multiple RTU License provides coverage for all servers/workstations located at the "site" as defined in the RTU Agreement. Customers may only utilize RTU licenses for those products covered by an active Software Update Program subscription. Approved licenses are valid for the duration of the licensee's subscription. For HyperCard license, contact Claris Corporation.

Macintosh System Software	N/C		
Apple IIGS System Software	N/C		
Single RTU License (AppleShare Print Server)	27.00	Multiple RTU License (AppleShare Print Server)	1100.00
Single RTU License (Aristotle)	27.00	Multiple RTU License (Aristotle)	1100.00
Single RTU License (AppleShare File Server)	37.00	Multiple RTU License (AppleShare File Server)	1500.00

TECHNICAL ASSISTANCE PRODUCTS

These products are available through the Apple Support Products Ordering Center at the prices shown. Customers should call 1-800-950-2442 to place a direct order or to obtain an order form. Additional information on AppleLink in the Apple Support Icon under the Support Programs Icon.

Technical Coordinator Answerline 6	495.00	A/UX Answerline 6	395.00
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Six incident package of general Macintosh, package of A/UX phone support.

Six inci

N&C, and A/UX phone support.

A/UX Answerline Subscription	1395.00
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Technical Coordinator Answerline Subscription 1995.00 One year subscription of A/UX phone support, unlimited access.

One year subscription of general Macintosh, N&C, and A/UX phone support, unlimited access.

Software Development Answerline 6 (AppleLink required)

1795

Six incident package of AppleLink or phone access to development support engineers.

Software Development Answerline Subscription (AppleLink required)	5995.00
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One year subscription of unlimited AppleLink or phone access to development support engi

Software Development Reference Tools	350.00
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One year subscription to technical developer mailings including the Developer CD Series, Macintosh Technical Notes,

develop magazine, etc.

This price list supersedes all previous price lists.
Prices subject to change without notice.
Products subject to discontinuation without notice.