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Color LaserWriter 12/660 PS: Technical Specifications (2/97)

Article Created: 27 September 1996

Article Reviewed/Updated: 21 February 1997

TOPIC -----

This article contains the Apple Color LaserWriter 12/660 PS technical specifications.

DISCUSSION -----

Technical Specifications

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Print Engine and Controller

- 30-MHz AMD 29030 RISC processor
- Engine life of 300,000 pages monochrome, 150,000 pages color
- No monthly maximum duty cycle

Print Quality

- True 600-dpi resolution
- Color PhotoGrade, Apple's standard enhanced 600-dpi imaging, 200 lines per inch, nearly two times standard 600-dpi color laser printers

Memory

- 16MB of RAM standard; supports Color PhotoGrade Apple Contone Compression technology which enables 130MB of data to be printed with only a 16MB printer
- Expandable to 40MB with optional upgrades (1MB, 4MB, or 16MB 72-pin, 60ns SIMMs)

Interfaces

- Ethernet port (supports EtherTalk, TCP/IP, and Novell NetWare protocols)
- LocalTalk port
- All ports active simultaneously
- IEEE 1284 bidirectional parallel port (special cable required)
- SCSI port for external or optional internal hard disk drive for font storage

Print Speed

- 12 pages per minute for monochrome
- 3 pages per minute for color
- 1 page per minute for transparencies
- Actual print speed depends on file complexity, network traffic, application, and computer used

Language Supported

- Adobe PostScript Level 2

Fonts

- 39 PostScript (Type 1) fonts in ROM, plus screen fonts for Macintosh and Windows from the following families:

ITC Avant Garde Gothic	ITC Bookman Courier	Helvetica
Helvetica Narrow	Helvetica Condensed	Palatino
New Century Schoolbook	Symbol	Times
ITC Zapf Chancery	ITC Zapf Dingbats	

- 64 TrueType fonts on Macintosh disks from the following families:

Chicago	Delphian	ITC Garamond Narrow
Geneva	Helvetica Black	Helvetica Compressed
Lubalin Graph	Lucida Bright	Machine
Monaco	Nadianne	New York
Old English Text	Onyx	Oxford
Swing	Zeal	

- Prints any PostScript (Type 1) or TrueType fonts

Storage

- Optional internal 240MB hard disk drive

Paper Capacities

- Standard 250-sheet feeder, 100-sheet multipurpose tray
- Optional 250-sheet universal feeder

Print Materials

- 16- to 28-lb. (60 to 90 g/m²) bond
- Paper: U.S. letter, legal, A4, and B5
- Most letterhead and colored stock
- Use ONLY Apple Color LaserWriter transparencies

Printer Supplies

- Cyan, magenta, yellow, and black toner cartridges

- Print 4,000 pages each at 5% coverage
- Photoconductor replacement kit
 - Prints 40,000 pages in black and white or 10,000 pages in color, continuous printing.
 - Prints 13,000 pages in black and white or 6,500 pages in color, intermittent printing. (Printing single-page documents only)
- Fuser oil
 - Prints 10,000 pages
- Fuser replacement kit
 - Air filter, ozone filter, fuser unit transfer drum cleaning unit; replace at 60,000 pages

Power Requirements

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- U.S./Japan: 100 to 120 V, 50 to 60 Hz
 - Europe/Australia: 220 to 240 V, 50 Hz

Power Consumption

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- Operating mode: 100/120 V, 535 W; 220/240 V, 524 W
 - Standby mode: 110/120 V, 215 W; 220/240 V, 238 W
 - Energy-saving mode: 42 W (complies with EPA Energy Star)

Environmental Requirements

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- Temperature: 50 to 86 deg. F (10 to 30 deg. C)
 - Humidity: 20% to 80% noncondensing
 - Toner cartridge transit environment: -4 to 104 deg. F (-20 to 40 deg. C)

Size and Weight

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- Height: 18.0 in. (45.7 cm)
 - Width: 21.0 in. (53.3 cm)
 - Depth: 23.0 in. (58.4 cm)
 - Weight: 110.0 lb. (49.5 kg)

System Requirements

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- An Apple Macintosh or compatible computer with at least 4MB of RAM and Macintosh system software version 7.1 or later
- An IBM or compatible computer with at least 8MB of RAM and Microsoft Windows 3.1 or Windows 95 or later

Ordering Information

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Apple Color LaserWriter 12/660 PS Order No. B3020LL/A

- Color LaserWriter 12/660 PS
- Color LaserWriter 12/660 PS Setup Kit (contains cyan, magenta, yellow, and black toner cartridges, photoconductor replacement kit,

fuser oil, user's guide, tips and techniques for optimizing image quality and performance, and limited warranty)

Begin_Table

Options and Accessories	Order Number
Color LaserWriter Cyan Toner Cartridge	M3757G/A
Color LaserWriter Magenta Toner Cartridge	M3760G/A
Color LaserWriter Yellow Toner Cartridge	M3758G/A
Color LaserWriter Black Toner Cartridge	M3756G/A
Color LaserWriter Photoconductor Replacement Kit	M3761G/A
Color LaserWriter Fuser Oil	M3755G/A
Color LaserWriter Transparencies—Letter	M3876G/A
Color LaserWriter Transparencies—A4	M3877G/A
Color LaserWriter 250-Sheet Feeder	M3762G/A
Color LaserWriter Universal Cassette	M3874G/A
Color LaserWriter Internal Hard Disk Drive	M3875G/A
Apple Ethernet Thin Coax Transceiver	M0329Z/B
Apple Ethernet Twisted-Pair Transceiver	M0437Z/B
Apple Ethernet AUI Adapter	M043LL/A
Apple 1284 Parallel I/O Cable	M4235ZM/A

End_Table

Article Change History:

- 21 Feb 1997 - Edited printer supplies info for clarity.
- 18 Oct 1996 - Changed distribution status.

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Keywords: spechsht

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This information is from the Apple Technical Information Library.

ArticleID: TECHINFO-0020485

19970224 09:14:41.00

Tech Info Library Article Number: 20485