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Color LaserWriter 12/600 PS: Technical Specifications (4/97)

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Security: Everyone

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TOPIC -----

This article contains the technical specifications for the Apple Color LaserWriter 12/600 PS printer.

DISCUSSION -----

Technical Specifications
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Print Engine and Controller

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

Print Quality

- True 600-dpi resolution
- Color PhotoGrade, Apple's technology standard enhanced 600-dpi imaging, 200-lines per inch, nearly 2 times standard 600 DPI color laser printers

Memory

- 12MB of RAM standard; supports Color PhotoGrade. Apple contone compression technology enables 130MB of data to be printed with only a 12MB printer
- For best print quality when printing legal size,16MB recommended
- 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
- Bidirectional IEEE 1284 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 is dependent upon 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
New Century Schoolbook	Palatino	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 24-lb. (60 to 90 g/m²) bond from the 250 sheet cassette
- 16- to 28-lb. (60 to 105 g/m²) bond from the multi-purpose tray
- Paper: U.S. letter, legal, A4, and B5
- Most letterhead and colored stock
- Use only Apple Color LaserWriter 12/600 PS 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)
 - Includes two toner waste disposal containers
- 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

- U.S./Japan: 100 to 120 V, 50 to 60 Hz or
- Europe/Australia: 220 to 240 V, 50 Hz
- Voltage tolerance +/- 10%

*Note: The Color LaserWriter 12/600PS does not contain a universal power supply

Power Consumption

- 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

- 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

- 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

- Works with an Apple Macintosh or compatible computer with at least 4MB of RAM and Macintosh system software version 7.1 or later.
- Works with an IBM or compatible computer with at least 4MB of RAM and Microsoft Windows 3.1 or later.

Ordering Information

Apple Color LaserWriter 12/600 PS: Order No. B2392LL/A

- Color LaserWriter 12/600 PS
- Color LaserWriter 12/600 PS Setup Kit (contains cyan, magenta, yellow, and black toner cartridges, photoconductor replacement kit, fuser oil, user's guide, and limited warranty)

Options and Accessories

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 (Qty: 50 per package)

Color LaserWriter Transparencies A4: M3877G/A (Qty: 50 per package)

Color LaserWriter 12/600 PS 250-Sheet Feeder: M3762G/A

Color LaserWriter 12/600 PS Universal Cassette: M3874G/A

Color LaserWriter 12/600 PS 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

Article Change History:

03 Jun 1996 - Added information to OPC replacement kit description.

13 Feb 1996 - Added additional power information.

16 Oct 1995 - Removed keyword.

30 Apr 1997 - Corrected error in Print Materials section.

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