



# Apple Personal LaserWriter 320

## Features

### Outstanding print quality

- Offers 300-dpi resolution
- Combines Adobe PostScript Level 2 support with FinePrint technology for resolution enhancement
- Comes with 35 built-in fonts and the TrueType scaler in ROM
- Includes built-in support for PhotoGrade graphic image enhancement (requires optional RAM upgrade)

### Ease of ownership

- Connects simply via the Macintosh computer's built-in LocalTalk port
- Complies with the EPA's EnergyStar guidelines for energy-efficient operation
- Prints extremely quietly, and makes no noise at all when not in use
- Features a compact, attractive design

### Affordability and expandability

- Provides advanced functionality at an affordable price
- Offers two expansion options, allowing you to enhance its capabilities as your needs grow

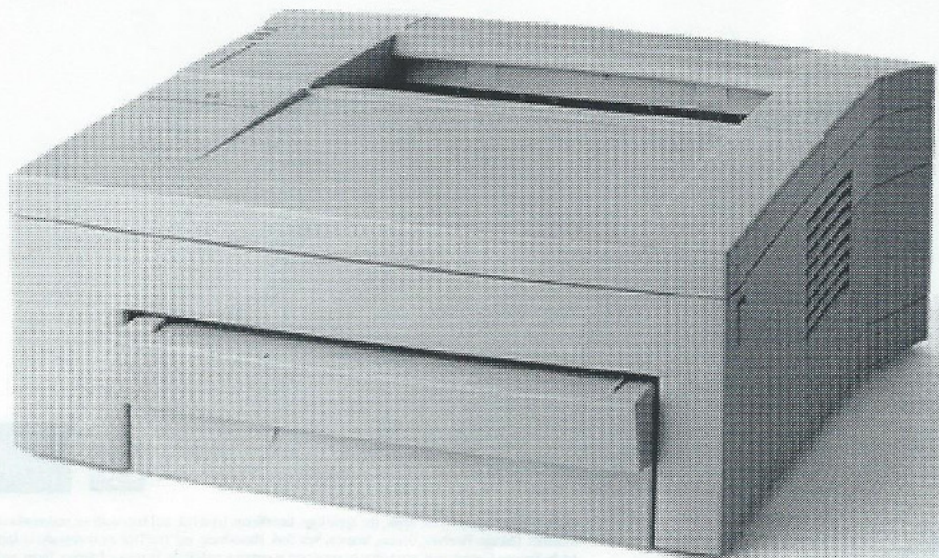
The Apple Personal LaserWriter 320 is an affordable PostScript laser printer that offers a number of advanced print capabilities. It's ideal for individual home, education, and small-business users who require PostScript capability and who desire future RAM expansion options.

As easy to own as it is to buy, the Personal LaserWriter 320 connects simply, via the Macintosh computer's built-in LocalTalk port, and features an attractive, compact design. It also provides state-of-the-art energy efficiency. There's no on/off switch; instead, the printer "wakes up" when needed, operating the remainder of the time in an electricity-saving—and completely silent—standby mode.

Yet for all its simplicity of setup and operation, the Personal LaserWriter 320 offers a host of advanced capabilities. It features outstanding print quality, uniting

Adobe PostScript Level 2 with Apple's own FinePrint resolution-enhancement technology. And the Personal LaserWriter 320 comes with 35 fonts in ROM, as well as built-in TrueType scaling for the highest-quality printing when using either PostScript Type 1 or TrueType fonts.

As your printing needs become more sophisticated, the Personal LaserWriter 320 is designed to grow to meet them. It has two expansion options: the 2MB RAM Upgrade, which expands both the printer's memory cache and its ability to print documents that contain large numbers of downloadable fonts; and the 6MB RAM PhotoGrade Upgrade, which adds to those capabilities the enhanced graphic image quality provided by Apple's PhotoGrade technology. Simply put, the Personal LaserWriter 320 offers the PostScript printing capabilities you need—now and in the future.







# Apple Personal LaserWriter 320

## Technical Specifications

### Print engine and controller

- True laser engine
- AMD 29205 RISC processor

### Print quality

- 300-dpi resolution
- FinePrint, Apple's resolution-enhancement technology
- PhotoGrade, Apple's graphic image-enhancement technology

### Memory

- 2MB of RAM standard
- Expandable to 4MB or 8MB with optional upgrades

### Interface

- Connects via LocalTalk port

### Print speed

- Four-pages-per-minute maximum (actual speed varies depending on images printed and computer used)

### System requirements

- Any Apple Macintosh personal computer
- System software version 7.0 or later
- 4MB of RAM or more recommended

### Fonts

- 35 fonts from the following font families: Courier, Helvetica, Helvetica Narrow, ITC Avant Garde Gothic, ITC Bookman, ITC Zapf Chancery, ITC Zapf Dingbats, New Century Schoolbook, Palatino, Symbol, and Times
- The four Apple fonts: Chicago, Geneva, Monaco, and New York

### Paper capacities

- Standard
- Manual feed tray
- 100-sheet Universal cassette

### Print materials

- 16- to 28-lb. (60 to 80 g/m<sup>2</sup>) bond
- Paper: U.S. letter, U.S. legal, A4, executive
- Most letterhead and colored stock, labels, and envelopes
- Medium-weight photocopier transparencies

### Power requirements

- U.S./Japan: 100 to 115 V, 50 to 60 Hz
- Europe/Australia: 220 to 240 V, 50 Hz

### Power consumption

- Operating mode: 120 W average
- Standby mode: <10 W

### Environmental requirements

- Temperature: 50° to 90° F (10° to 32° C)
- Humidity: 20% to 80% noncondensing
- Toner cartridge transit environment: -4° to 104° F (-20° to 40° C)

### Size and weight

- Height: 6.3 in. (16.1 cm)
- Width: 15.2 in. (38.5 cm)
- Depth: 14.9 in. (37.9 cm)
- Weight: 15.4 lb. (7 kg) not including cartridge

## Ordering Information

### Apple Personal LaserWriter 320

Order No. M2178LL/A

- Apple Personal LaserWriter 320
- User's guide
- Limited warranty card and toner

### Apple 2MB RAM Upgrade\*

Order No. M2182LL/A

### Apple 6MB RAM PhotoGrade Upgrade\*

Order No. M2183LL/A

### Toner Cartridge

Order No. M2045G/A

### 100-sheet Universal Cassette

Order No. M2079G/A

\*Requires dealer installation

Apple Computer, Inc.  
20525 Mariani Avenue  
Cupertino, CA 95014  
(408) 996-1010  
Tlx 171-576

© 1993 Apple Computer, Inc. Apple, the Apple logo, LaserWriter, LocalTalk, and Macintosh are trademarks of Apple Computer, Inc., registered in the U.S.A. and other countries. Chicago, FinePrint, Geneva, Monaco, New York, PhotoGrade, and TrueType are trademarks of Apple Computer, Inc. Adobe and PostScript are trademarks of Adobe Systems Incorporated, which may be registered in certain jurisdictions. Helvetica, Palatino, Times, and other marks are registered trademarks of Linotype AG and/or its subsidiaries. ITC Avant Garde Gothic, ITC Bookman, ITC Zapf Chancery, and ITC Zapf Dingbats are registered trademarks of International Typeface Corporation. Mention of non-Apple products is for informational purposes only and constitutes neither an endorsement nor a recommendation. Apple assumes no responsibility with regard to the selection, performance, or use of these products. All understandings, agreements, or warranties, if any, take place directly between the vendors and the prospective users.  
November 1993. Product specifications are subject to change without notice. Printed in U.S.A.  
10596LL/A

