

DEClaser 1152 PostScript Level 2 Laser Printer

High Print Performance ... At the Lowest Possible Price

digital™



Shared PostScript Printing... Without Compromise

The newest member of the DEClaser family, the DEClaser 1152 offers superb price/performance. Greater versatility, advanced power, and low cost make it the premier print companion for PC, Macintosh® and Digital desktops—whether directly connected or shared. It's also an economical solution for small PC networks.

The DEClaser 1152 is one of the lowest cost desktop PostScript® laser printers available in the marketplace today. Yet you compromise none of the performance features you need. Four-page-per-minute print speed ... 300 dpi resolution ... up to three simultaneously active I/O ports ... and support for Adobe® PostScript Level 2 and Hewlett-Packard® LaserJet® II (HP® PCL® 4) emulation protocols.

Based on the industry-standard Canon print engine, the DEClaser 1152 offers a number of advantages: reliability, superb paper handling, high print quality, and a single cartridge for all printer supplies. For all its power, the DEClaser 1152 features the same small footprint as previous DEClaser 1100 models—preserving precious space on the desktop.

Highlights

- Superb performance at low cost. The ideal print solution for PCs, Macintosh systems, and workstations.
- Support for PostScript Level 2 and HP LaserJet II (HP PCL 4) industry-standard protocols. Backward compatibility with PostScript 1 ensures application investment protection.
- Up to three active ports: Serial, Parallel, and AppleTalk®. One printer serves multiple hosts.
- Sharper images. Incorporates DECimage, a patented image rendering technology for crisper edges and finer detail.
- PostScript Level 2. Offers data compression and decompression, font and forms caching, better memory management, and more.
- Complete network capability. Supports PC and Macintosh LANs. With LATprint server attached, connects to VAX and UNIX® hosts.
- Memory and font upgradability. As need demands, upgrade from the standard 2 MB to 4 MB memory. And from the built-in standard 17 Adobe PostScript fonts up to a total of 43. That's more than twice the number of scalable fonts built into the LaserJet IIIP.
- Quality, economy, and user-friendliness. Printer technology is based on the industry-leading Canon engine. You get reliability, superb paper handling, high print quality, and a single cartridge for all printer supplies.

The Printer That Keeps Pace

In business today, the definition of the word "document" is far broader than ever before. Integrated graphics, digitized images, and varied fonts make the printed page a more powerful statement — and the "desktop" user a more effective communicator. Such power, however, calls for printers that can keep pace. The DECclaser 1152 answers the call with a cost-effective solution.

Support for All Your Desktop Devices

Your knowledge workers want to work with familiar applications, on the desktop device of their choice. Yet you want to minimize the number of printers you need to purchase. To answer both sets of needs, the DECclaser 1152 supports PostScript Level 2 and Hewlett-Packard LaserJet II (HP PCL 4). Both are industry standards, supported on more than 5,000 and 20,000 applications respectively.

Powerful, flexible, programmable — PostScript Level 2 introduces features that make document handling and printing even more efficient.

- For faster printing time, PostScript Level 2 supports industry-standard formats for compression and decompression.
- Font and forms caching makes more efficient use of resident or downloadable fonts.
- Better memory management permits you to print more jobs and perform more functions.

PostScript Level 2 is compatible with PostScript 1, which is supported by PCs, Macintosh systems, UNIX workstations, and environments such as Windows™, OS/2®, Novell®, SCO™ UNIX, and OSF®. You gain investment protection, and assured compatibility for operating systems of the future. In the same fashion, the DECclaser 1152 will support new PostScript Level 2 applications when they become available.

To manage multiple protocols, VAX system users can purchase DECprint Supervisor for Base VMS (DCPS), an optional software package available under two licenses: DCPS-Base for PostScript and simple ASCII files, and DCPS Plus for a full range of printer language translators, including PPL3 (LNO3). DCPS Plus also includes such value-added features as lay-up and number-up for more flexible, economical page management.

Three Active Ports

With its three interface ports (Serial, Parallel, and AppleTalk), the DECclaser 1152 offers flexibility in an environment of shared computing. The printer can be configured with two serial ports and one parallel port — or the AppleTalk and Parallel ports — active simultaneously. Auto Port Sensing allows users to print from any port, without leaving their desks.

The DECclaser 1152 can be a shared printer among multiple Macintosh systems via the AppleTalk port. With an inexpensive two-port LATprint terminal server connected via ThinWire to the serial port, it can also link to the larger network world of PATHWORKS, VAX, and UNIX hosts.

Superior Image Rendering

For higher-quality output, the DEClaser 1152 includes DECimage, a patented image-rendering technology that produces crisper edges and finer detail—without added hardware.

The software's programmable controls permit adjustment of dynamic range, rendering resolution, and black-and-white punch factors—all with a simple command. Best of all, you can change these parameters without modifying your applications or critical data files.

Other Powerful Features

As your needs grow, so can the DEClaser 1152. Resident memory can be doubled to 4 MB to manage more demanding documents. For more visual impact in your documents, you can download additional fonts from the host system—or install an optional 26-font cartridge.

In word processing environments, addition of an optional paper tray offers greater flexibility. Load one tray with letterhead sheets, for example, and the other with plain paper for the rest of the document. Or if the call is for overhead presentations, one tray can be loaded with transparencies.

Ordering Information

Item	Number	Description	
Printer			
	LNO7C-CA*	PostScript Level 2, 4 ppm, with 10-foot MMJ cable	
	LNO7C-AD	Denmark Country Kit: power cord, 220 V	
	LNO7C-AE	UK/Ireland Country Kit: power cord, 240 V	
	LNO7C-AI	Italy Country Kit: power cord, 220 V	
	LNO7C-AG	German/Austrian Country Kit: power cord, 220 V	
	LNO7C-AS	Spain Country Kit: power cord, 240 V	
	LNO7C-AT	Israel Country Kit: power cord, 240 V	
	LNO7C-AZ	Australia, NZ Country Kit: power cord, 240 V	
	LNO7C-CB	Switzerland Country Kit: power cord, 220 V	
	LNO7C-CC	Sweden, Finland, Norway, Portugal Country Kit: power cord, 220 V	
	LNO7C-CD	Belgium, Holland, France Country Kit: power cord, 220 V	
Memory Upgrade			
	LNO7X-UF	2 MB memory board	
Optional PostScript Font Cartridges/Kits			
	LNO7X-PF	26 PS Font Cartridge Only	
	LNO7X-PM	26 PS Font w/ATM, 43 Screen Fonts for Macintosh	
	LNO7X-PW	26 PS Font w/ATM, 43 Screen Fonts for Windows	
Toner Cartridge			
	LNO7X-AA	Toner	
Paper Cassettes			
A4	LNO7X-TA	250 sheet	
Legal	LNO7X-TB	250 sheet	
Executive	LNO7X-TE	250 sheet	
Letter	LNO7X-TF	250 sheet	
Envelope	LNO7X-TD	20 envelope	
Parallel Cable			
	BC19M-06	6-foot cable	
	BC19M-10	10-foot cable	
Macintosh Cable			
	BCC46-06	6-foot cable	
LATprint Server			
	LNXXD-AA	2-port Ethernet connection for OpenVMS, ULTRIX	
Licenses			
	DCPS-Base	QL-09FA9-AA	Optional for DECansi VAX users
	DCPS-Plus	QL-09LA9-AA	Optional for DECansi VAX users
DCPS Media Kit			
		QA-09NAA-H	Software media
DCPS Documentation Kit			
	QA-09NAA-GZ	For VAX and Alpha AXP Systems	
PostScript Level 2 Programmers Supplement			
	EK-PSPTR-RM.A01	PostScript Programming Manual	

* North American Ordering Number



OpenVMS Environment Requirements

To use the DEClaser 1152 in PostScript mode in an OpenVMS environment, DCPS-Base must be installed. This software requires OpenVMS V5.3 or higher. In a non-OpenVMS environment, or when the printer is set in HP PCL 4 emulation mode, DCPS is not required.

For More Information

To learn more about the DEClaser 1152, contact your local Digital sales representative or Authorized Digital Reseller.

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Specifications

Function	DEClaser 1152
Print Technology	Canon Laser Xerography
Print Resolution	300 x 300 dots per inch (enhanced by DECimage)
Speed	4 pages per minute
Monthly Usage	Up to 6,000 pages
Paper Types	Cutsheet (Standard, European A4, Executive, Legal) labels, transparencies, envelopes
Paper Weight	
Cassette feed	16-24 lb
Manual feed	16-35 lb
Lower cassette	16-28 lb
Paper Trays	
Input: Standard	70 sheets
Optional	250 sheets
Output: Face Up	20 sheets
Face Down	50 sheets
Resident Memory	2 MB (upgradable to 4 MB)
Data Interfaces	EIA-232 (DB25), EIA-423 (MMJ), Micro-Pin (AppleTalk or Serial), Centronics® Parallel (36-pin). Printer can be configured to support either 2 Serial and 1 Parallel, or 1 AppleTalk and Parallel.
Protocols Supported	PostScript Level 2, HP LaserJet 2 (HP PCL 4, and DECansi/Sixel)
Fonts	
Resident	17 Adobe PostScript (upgradable to 43)
Optional	Downloadable or font cartridges
Baud rate	EIA-232/EIA-423: 300 to 38.4 KB Serial: 300 to 38.4 KB AppleTalk: 230 KB
Physical Characteristics	
Width	350 mm (13.8 in)
Height	204 mm (8.0 in) 259 mm (10.2 in) (with optional feeder)
Depth	405 mm (15.9 in)
Weight	11.5 kg (25 lb)
Noise Level	53 dB (maximum when printing) 43 dB (maximum when idle)

Note: Printer is shipped with MMJ serial cable and toner cartridge. Parallel and Macintosh cables not included.