

Intelliprint mL 450

Multi-purpose workhorse for office and transaction document production.

Combines performance with durability and value. Built to excel in high volume printing applications.

Power Printing

GENICOM's Intelliprint® mL450 laser printer delivers exceptional performance of up to 45 pages per minute with 600 X 600 dpi quality image resolution.

The mL450 is equipped with five input trays to hold a variety of paper types, weights, and sizes including transparencies, labels, and cover stock. Save time by letting the printer prepare your documents for distribution with its collate, staple, and hole punch features.

Produce high-quality, customized transaction documents in one step with GENICOM's optional Intellipress® software. Intellipress adds electronic forms inside the printer eliminating excessive network traffic.

Intelliprint® Controller

The mL450 powered by GENICOM's Intelliprint® controller delivers the highest quality for text, graphics, imaging, and application portability across platforms.

The mL450 is compatible with the most common networking protocols and server platforms. It supports the standard printer MIB for printer management over your network.

Every GENICOM Intelliprint enabled laser printer has its own built-in web page for remote inquiry of your printer's status, from consumable levels to paper levels, or configuration via the Web.

Make The Intelligent Printer Choice

GENICOM printers are turning data from back-office systems into printed transaction documents 24 hours a day, 7 days a week. As the leading provider of line and serial matrix printers in this environment, GENICOM now offers business managers cost-effective, high quality laser printing solutions.

So whether it's general office documentation, desktop publishing or business forms the mL450 serves every need.

Key Features

- **600 X 600 dpi image quality at 45 ppm**
- **64MB RAM, expandable to 256MB**
- **Optional finisher/stapler, duplexer, and high-capacity feeder**
- **Up to 3,550 total sheets input and 3,700 output**
- **Supports postcard to 11 x 17 inch paper; 16-28lb stock, up to 90lb through bypass feeder**
- **Adobe Postscript 3**
- **PCL6 with PJL**
- **High speed connectivity through Ethernet 10/100BaseT**
- **Auto emulation switching and auto interface switching**
- **Monitoring via printer Web page**
- **Edge to edge printing with Postscript**

Intelliprint®
Technology

Modern organisations need printers that can keep up with their advanced applications and networks. Performance is about delivering fast, high quality and reliable text and graphics printing that won't keep users waiting. GENICOM Intelliprint controller architecture delivers the highest level of performance because it employs advanced components; dedicated graphics and I/O processors; MIPS R5000 main processor running at 250MHz; Adobe PostScript Level 3; built-in serial, parallel interfaces and networking with a software management interface. Intelliprint is a common controller architecture and the technology is utilised in GENICOM laser and matrix network printers.

GENICOM
The Intelligent Printer Choice



Specifications at a glance

Intelliprint mL 450

Type	Electrophotographic laser
Maximum engine speed	45 pages per minute simplex, 34 images per minute duplex
Physical resolution	600 X 600 dpi image quality at up to 45 ppm
Printer language compatibility	Standard: Adobe® Postscript® 3™ (embedded), PCL®6 with P JL, Optional: IPDS
Fonts	136 Adobe PostScript fonts, PCL Fonts: 45 Type 1
Processor	MIPS R5000 250 MHz RISC GENICOM Intelliprint® Controller Architecture
Memory	64 MB expandable to 256 MB (3 slots), 2.1 GB hard disk option
Duty cycle	Maximum of 300,000 images per month
Toner consumption	30,000 letter/A4 pages @ 5% coverage (up to 40% in saving mode)
Electronic Forms Handling	Intellifilter (standard), Intellipress (optional)
Paper handling	Input Tray 1 500-sheet; supports letter, legal, folio, ledger, executive, A3, A4, A5; paper weights of 60 to 105 g/m ²
	Input Tray 2 500-sheet; supports letter, legal, folio, ledger, executive, A3, A4; paper weights of 60 to 105 g/m ²
	Bypass Feeder 50-sheet; supports letter, legal, folio, ledger, executive, A3, A4, A5, A6, envelopes; paper weights of 60 to 165 g/m ²
	Tray 3 (optional) 500-sheet; supports letter, legal, folio, ledger, executive, A3, A4; paper weights of 60 to 105 g/m ²
	Trays 4 and 5 (optional) 1,000-sheet each; support letter, executive, A4; paper weights of 60 to 105 g/m ²
	Optional Envelope Feeder 100-envelope; supports C5, DL, Monarch, COM-10
	Paper Output 500-sheet face-down, offset and collated; optional 200-sheet face-up tray
	Optional Finisher/Stapler 3,000-sheet single bin; 50 sheets per stapled set; 3 staple positions; 3 hole punch
	Optional Duplexer Supports letter, legal, folio, ledger, executive, A3, A4, A5

Physical specifications

Weight	Basic printer	45 kg
Dimensions (HxWxD)		486 x 642 x 523 mm
Electrical	Power requirements	220/240 VAC, 50/60 Hz, 1.5 KVA Max power consumption
Energy Star		Yes
Environmental	Temperature requirements	5° to 35° Celsius (operating & storage)
	Relative humidity	15 to 85%, non condensing
	Noise level	50 dBA printing, 35 dBA standby
Regulatory conformity		UL950, FCC part 15 Class B, ICES 003, CISPR22 Class B, FDA CDRH, cUL, CE, GS, IEC 825, GOST (Russia), SABS (S. Africa), and C-Tick (Australia)

Drivers, software, networking

Operating systems driver support	Windows® 95, 98, 2000, NT 4.0; Macintosh; true Adobe PostScript drivers included for reliable document printing; UNIX via LPR
Network protocol support	Novell NetWare (IPX/SPX), Telnet, EtherTalk, DEC LAT, TCP/IP, SNMP, and Printer MIB, Web-based status and control, GENICOM Remote Control Software
Interface and Connectivity	Standard: IEEE 1284 parallel, Ethernet 10/100BaseT; Optional: IBM 3270 coax (SCS or IPDS), IBM 5250 twinax (SCS or IPDS), RS-232/422 serial, Auto interface switching

Ordering Information

Intelliprint mL 450

mL450 network printer (see below for country code) ML450N-xx

Miscellaneous

Note: There are two extra expansion slots	
IBM Coax SCS interface	ML450N-CS
IBM Twinax SCS interface	ML450N-TS
IBM Coax IPDS interface	ML450N-CI
IBM Twinax IPDS interface	ML450N-TI
IBM 10/100BaseT IPDS over LAN interface	ML450N-EI
RS232C/422 serial interface	MLXXXF-SI
64MB DRAM Memory DIMM	MLXXXM-64
128MB DRAM Memory DIMM	MLXXXM-128
16 Mb Flash DIMM	MLXXXF-FP
Hard Disk Drive Option	MLXXXF-HD
DIMM Bar code plus	MLXXXF-BP2
DIMM Bar code extended	MLXXXF-BE2

Supplies

Toner cartridge (yield is 30,000 images)	ML450X-AA
Maintenance kit 220V (yield is 300,000 images)	ML450X-BG
Staples Refill (3 X 5000 staples)	ML450X-AS

Paper handling

3 tray capacity input feeder (2,500 sheets)	ML450F-TL
Finisher/Stapler	ML450F-SB
Face up tray	ML450F-TF
Tray A4 (500 sheets)	ML450F-TR
Duplexer	ML450F-DA
Envelope feeder	ML450F-TE

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