



imagine convergence of productivity and reliability

- powerful printing performance
- high velocity printing
- cost effectiveness
- increased cassette trays



A powerful printing solution for your entire business. Combine speed, productivity, reliability, enhanced features, network readiness, and you have the ML-4050N. Optimised features with increased memory and printing speed put the user in charge. Everything comes together in one premium solution. With the ML-4050N, it's not that hard to imagine.

powerful printing performance



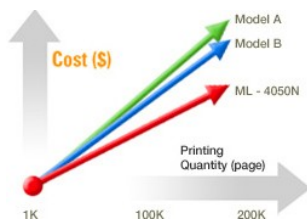
Satisfying the needs for cost-conscious users with its fast printing, high capacity, and plethora of options, SAMSUNG ML-4050N represents reliable printing speed and enhanced optional functions for an efficient and productive office environment.

high velocity printing



SAMSUNG ML-4050N fulfills the basic needs of a user. It can print up to 38 pages per minute for A4 size (40 pages per minute for letter size). The 1200 x 1200dpi resolution offers superior quality high resolution printing. Fast, productive output depends on processing speed and adequate memory. With a 400 MHz processor and 64MB memory expandable to 512MB, this printer performs efficiently under a variety of circumstances. The ML-4050N features high performance printers with huge monthly duty cycles up to 200,000 sheets. You can meet the heavy printing requirements of medium office.

cost effectiveness



Save up to 12% with the high yield toner cartridge and whopping 20% with the standard yield toner compared with the competition. Combined with an extended toner yield, the reality for businesses is greater cost savings with longer use of the printer. With more use, the printer pays for itself.

increased cassette trays



You won't have to worry about running out of paper in the middle of a huge print job with the ML-4050N. With a convenient 2,100 paper capacity composed of 500 sheets in the standard tray, three optional 500-sheet trays and 100 page MP, you will spend less time restocking.

wired and wireless network



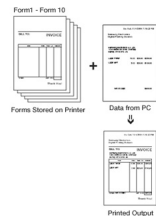
The SAMSUNG ML-4050N provides optional wireless network connectivity enabling users to connect to a wireless LAN system (including 2 IP addresses). This gives the product more freedom to be strategically placed anywhere with greater access.

expanded printing with hard disk



Expand your printer's capabilities by adding a hard disk. By upgrading to a 40GB hard disk, the SAMSUNG ML-4050N performs additional features like collating and reprinting without sending the print job again, storing and delaying print until you are ready, and increasing security by requiring a PIN code before printing. A fully integrated solution that offers convenient management and control for network print jobs with 5 modes available, simply through printer driver.

forms overlay



Forms Overlay function helps make up to 10 frequently used forms with any common software, i.e. MS office, and store them on the hard disk of the printer. This function reduces traffic load on the network system at large, saving time and enhancing efficiency.

compatible solutions

No need for all the SAMSUNG solution software users such as Windows Vista for upgrades or downloads. SAMSUNG ML-4050N is already set up to interface with the Microsoft O/S system.

SyncThru™ web service



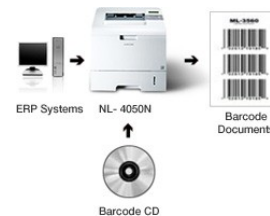
It provides administrators the ability to change network and individual printer settings, upgrade firmware and view network printer status.

job manager



In addition to enhanced network features like SyncThru™ web service, the ML-4050N supports job manager. With an installed network card and an optional hard disk, job manager is an interface that manages active and stored print jobs, saves and applies forms overlay on HDD, and shows the completed job history, user accounts, and logs. Job manager can only be used with SyncThru™ web service.

solution for printing barcodes



SAMSUNG ML-4050N also supports an optional barcode printing solution that integrates seamlessly into enterprise applications. Barcode technology can improve the efficiency of automatic data collection processes and lower associated costs. SAMSUNG Barcode solutions are compatible with standard PCL5e applications And support 40 industry standard barcodes plus 1-dimensional and 2-dimensional standards.

EcoLogo Certified



The EcoLogo(TM) Program certifies and recognises products and services that are environmentally favourable after a stringent process that includes third party verification of compliance to EcoLogo(TM) certification criteria. It develops and promotes higher standards of environmental performance against which products and services can be assessed.

Overview	Function	Print
Print	Speed (Mono)	Up to 38ppm in A4 (40ppm in Letter)
	First Print Out Time (Mono)	9 seconds (from Ready)
	Resolution	Up to 1200 x 1200dpi effective output
	Duplex	Optional
Paper Handling	Emulation	PostScript3, PCL6, IBM ProPrinter, EPSON
	Media Size	76mm x 127mm (3" x 5") ~ 216mm x 356mm (8.5" x 14")
	Media Type	Plain Paper, Transparencies, Labels, Post Card, Envelope
	Input Capacity and Types	500-sheet Cassette Tray, 100-sheet Multi Purpose Tray
	Output Capacity and Types	250-sheet Face Down, 100-sheet Face Up
General	Processor	SAMSUNG 400MHz
	Memory / Storage	64MB (Max. 512MB)
	OS Compatibility	Windows 98/Me/NT4.0/2000/XP (32/64bits)/Vista/2003 Server (32/64bits) Various Linux OS including Red Hat 8 ~ 9, Fedora Core 1 ~ 4, Mandrake 9.2 ~ 10.1 and SuSE 8.2 ~ 9.2, Mac OS 8.6 ~ 9.2/10.1 ~ 10.4
	Interface	Hi-Speed USB 2.0, IEEE1284 Parallel, Ethernet 10/100 Base TX
	Noise Level	Less than 56dBA (Printing) Less than 35dBA (Standby)
	Duty Cycles, Monthly	200000 sheets
	Dimension (W x D x H)	396mm x 526mm x 353mm (15.6" x 20.7" x 13.9")
	Weight	17.3kg (38.14lbs)
Consumables	Yield	Standard: Average Cartridge Yield 10K standard pages. High Yield: Average Cartridge Yield 20K standard pages.(1)
	Type	Single Cartridge
	Model Code	ML-D4550A ML-D4550B

Features and specifications are subject to change without prior notification.

(1) Declared cartridge yield in accordance with ISO/IEC 19752.