A High-Speed Colour MFP with Full-Fledged Functionality to Meet Various Light Production Needs

Sharp’s flagship MX-7500N/6500N is a colour print-on-demand powerhouse built for full-scale light production of professional documents. A variety of automatic adjustment functions enable this MFP to maintain exceptional print quality on a par with commercial printing. A powerful external Fiery® Colour Print Server with Command WorkStation® software is available for colour-critical environments that require precise management of print jobs. The software can be operated intuitively through the MFP’s user-friendly 15.4-inch colour LCD touchscreen panel—a unique Sharp specialty.

The ultra-versatile MX-7500N/6500N not only offers a full suite of paper-feed and finishing options, it also handles a variety of paper types and paper thicknesses up to 300 g/m². With selected options, total paper capacity can be boosted all the way to 13,500 sheets. On top of that, users can take advantage of flexible document system configurations that cater precisely to their varying needs. Powerful, fast, and highly configurable, this is one MFP that delivers quality on demand.
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A Winning Combination of Speed and Power

Built to meet the rigorous, high-volume demands of offices, copy rooms, CRD, and corporate data centres, the MX-7500N/6500N delivers copying and printing at an impressive speed of 75/65 cpm/ppm for A4 paper and 42/38 cpm/ppm for A3 paper. Advanced technology, integrated network scanning, and flexible configurations expedite job processing and streamline document workflow like never before. And to bring productivity and reliability where it’s needed most, this high-volume workhorse boasts a 1TB hard disk and 5GB of standard memory.

High-Efficiency Scanning

The MX-7500N/6500N can scan both pages of two-sided B/W and colour documents up to A3 size in one efficient pass. Capable of scanning one-sided A4-size (8 1/2" x 11") documents at 75 opm* and two-sided A4 documents at 150 opm*, the 150-sheet DSPF (duplex single pass feeder) minimises paper misfeeds and brings fast, reliable operation.

* Originals per minute (when feeding A4-size documents at 200-dpi resolution)

Paper Setting Registration

The MX-7500N/6500N’s Paper Setting Registration function allows instant recall of pre-registered media profiles. It stores up to 1,000 media profiles that include front-to-back registration settings (see page 5), data on fusing temperature, and data on the type, size, and weight of paper used. This allows identical, frequently executed jobs to be performed without the need to set the MFP each time, thereby helping to save time and ensure consistency from job to job.

Large Paper Capacity

While the MX-7500N/6500N holds 3,100 sheets of paper, this standard capacity can be expanded to meet the needs of high-volume jobs. Adding an optional 500-sheet Multi-Bypass Tray and two 5,000-sheet (2,500 x 2) Large Capacity Trays boosts capacity to 13,500 sheets and enables a maximum 9-way automatic paper feed. And when a tray runs out of paper, the Auto Tray Switching function automatically switches to another tray with the same-sized paper.

Limitless Operation

There’s no need to stop the MX-7500N/6500N during large-volume copy/print jobs when the toner cartridge needs changing or when a paper tray needs replenishing. This means minimum downtime for the MFP during busy workloads. The MX-7500N/6500N can use toner from the large intermediate toner hopper to continue printing while the empty toner cartridge is replaced with a new one. Paper trays not currently in use can also be replenished without stopping the machine.

Status Indicator

The optional Status Indicator provides diagnostics via green and red LED lights that are clearly visible from a distance. The green light remains lit while a job is being executed and blinks while document data is being read. The red light blinks or lights up to indicate an error that may or may not prevent normal operation.

Document Management on the Hard Disk

To boost information sharing and distribution, processed job data can be saved in designated folders on the MX-7500N/6500N’s built-in hard disk for instant recall, printing, or sending at a later time. Data for frequently used template documents can also be saved on the hard disk, enabling quick and easy output for enhanced productivity. The MX-7500N/6500N can also store PostScript print data, so that users get consistent results every time they reprint a selected data file.

Easy Sharing of Application Files

The MX-7500N/6500N’s hard disk enables files created with applications such as Word and Excel® to be saved in their original file format and shared across the office network. Note: Sharp recommends using the optional Mirroring Kit to back up data saved to the MFP’s hard disk.

High Capacity Stacker

With an optional High Capacity Stacker, the MX-7500N/6500N can accommodate up to 5,000 sheets, expandable to 10,000 sheets when two stackers are connected in tandem. Each stacker comes with a roll-out Paper Cart for effortless and efficient transport.
Versatile Paper Handling

The MX-7500N/6500N accommodates a wide variety of sizes, weights, and types of paper, expanding the range of possible printing applications.

- **Paper Sizes**: The MX-7500N/6500N supports an extensive range of standard paper sizes from A5 to SRA3/A3W (5 1/2" x 8 1/2" to 13" x 19"), along with custom paper sizes up to 330 x 488 mm (13" x 19.2"). Thanks to its printable area of 319 x 480 mm, this MFP enables full-bleed printing of an A3 image with crop marks or two A4 images with crop marks.

- **Paper Weights**: The MX-7500N/6500N handles paper as thin as 55 g/m² and as thick as 300 g/m². Duplexing is possible for paper ranging from 60 g/m² to 300 g/m².

- **Paper Types**: In addition to plain paper, the MX-7500N/6500N accommodates a number of other paper types—including coated, textured, or embossed paper—as well as envelopes. This gives users the flexibility to fulfill diverse printing needs.

Professional-Quality In-Line Finishing Options

**Stapling and Punching**

With a maximum output capacity of 4,250 sheets, handy Finishers provide three stapling positions—front corner, rear corner, and two-point side—for up to 100 sheets per set. Two-to-four-hole punching is available as an option.

**Full-Bleed Booklet Making**

The MX-7500N/6500N’s edge-to-edge printing feature ensures printing to the top and bottom edges of the page, so that only the void areas of the lead and trail edges need to be trimmed for a full-bleed effect. This feature allows production of full-bleed A4-size booklets up to 80 pages in length. Using this function with the Saddle Stitch Finisher and Trimming Module enables users to automatically create high-quality, professional-looking booklets in-line, helping to reduce both outsourcing costs and production times.

**A Variety of Folds**

The MX-FD10 Folding Unit automates various types of folding, such as z-folding and c-folding, for efficient production of direct mail, brochures, and more.

- **Fold Variations (MX-FD10)**
  - Z-fold*1
  - C-fold*1
  - Accordion fold*1
  - Double fold*1
  - Half-fold*1

**Insertion**

For truly professional results, the Inserter can add pre-printed covers and insert paper up to 220 g/m² to documents before final finishing. Two input trays, each with a capacity of 200 sheets, make it possible to feed in two different types of paper.

**Long-Paper (Banner) Printing**

The MX-LT10 Long Paper Feeding Tray accommodates extra-long paper up to 1,200 mm—expanding the range of print products to include panoramic pictures, large display-window ads, banner signs, and more.

* Contact a Sharp customer representative for details on using this function.
Concave curl

Reliability. The unit can withstand heavy use in locations where rapid, high-volume output is demanded. Ensuring increased durability and reliability, the unit can withstand heavy use in locations where rapid, high-volume output is demanded. The MX-7500N/6500N employs air-feed technology and three precisely directed air flows for maximum reliability and proper paper handling.

Multi-Feed Detection System
A precision-engineered Multi-Feed Detection System employs ultrasonic technology and separation rollers for double-fed paper to detect and prevent misfeeds from the paper feed section for maximum uptime.

Highly Rigid Main Frame
A highly rigid support frame isolates and protects critical machine components in the MX-7500N/6500N, ensuring increased durability and reliability. The unit can withstand heavy use in locations where rapid, high-volume output is demanded.

Full Front Access
Particularly convenient during toner cartridge replacement, an unlikely paper jam, and other operations, full front access to all key machine components ensures easy maintenance—and maximum uptime.

Tribe Air-Feed System
The Triple Air-Feed System on the optional 5,000-sheet MX-LC13 Large Capacity Trays reliably separates and feeds in paper to facilitate jam-free operation and minimise downtime. Capable of supporting a wide range of paper types, this system employs air-feed technology and three precisely directed air flows for maximum reliability and proper paper handling.

Administrator Machine Adjustments
The MX-7500N/6500N has a machine adjustment menu to enable MFP administrators (i.e., trained print room managers) to access and configure machine set-up for a total of 50 items in three areas: image quality, image position/ratio/area, and peripherals. As there is no need to call for outside service staff when making MFP adjustments, machine downtime is reduced and productivity boosted.

Front-to-Back Registration
Based on feedback from two paper-position sensors located in the paper path, the MX-7500N/6500N employs an image shift function to automatically adjust the position of printed images with respect to the edges of a page. This precise front-to-back registration ensures exact correspondence of the printed material, so that consistently high levels of quality can be achieved when producing leaflets, brochures, and other documents—including those with two-sided double-page spreads or those that are to be saddle stitched and trimmed. Users can also manually adjust vertical/horizontal ratio* and position settings to achieve even more precise front-to-back registration.

* Available only for Sharp printer driver.

Curl Correction
For reliable output of two-sided copies and prints, the MX-7500N/6500N provides built-in curl correction to uncurl paper just after transfer. And for added stability, the optional Curl Correction Unit uses top and bottom rollers to apply pressure to convex and concave curls, preventing paper from warping before it goes to the finisher.

Precise Colour Registration
To meet the demands for high image quality, accurate colour registration, and stable output, the MX-7500N/6500N employs functions necessary—of the print position for each CMYK colour. Measurements are then used to make minute adjustments—when necessary—of the print position for each CMYK colour. The MX-7500N/6500N automatically adjusts the print position so that each page is printed at correct registration.

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Superb, Stable Image Quality

Breathtaking Image Quality

**Wide Colour Gamut**
The MX-7500N/6500N was developed to provide high image quality approaching that of commercial offset printers. With Sharp having reinforced all elements related to image processing—including the toner and colour profiles—the MX-7500N/6500N boasts a colour gamut that is almost identical to that of offset printers.

**High-Resolution Output**
The MX-7500N/6500N employs 8-bit image processing to deliver razor-sharp **1,200 x 1,200 dpi** printing—without sacrificing output speed. Digital smoothing technology enhances the print and copy resolution to the equivalent of 9,600 x 600 dpi for smooth reproduction of fine lines. Fine-grained photographs, detailed illustrations and graphs, and small text come out crisp and clear.

**Mycrostoner-HG3**
Third-generation Mycrostoner-HG3 (High Grade) expands the colour reproducibility range for a more natural rendering of clear blue skies, emerald green oceans, and other colour images. And the smaller particle size of the toner and the carrier allows for reduced graininess and clear reproduction of fine lines, fine text, and halftone colours.

**Dot Screening Technique**
In addition to conventional line screening, the MX-7500N/6500N employs the dot screening technique—typically found on offset printers—for colour and greyscale printing. Thanks to dot screening, the MX-7500N/6500N can emulate the high-quality printing of commercial offset printers, even when performing on-demand printing.

**Adobe® PostScript® 3™**
The MX-7500N/6500N supports genuine Adobe PostScript 3 for better graphics handling. Complex colour graphics can be printed out in a short time with minimal error, and multiple colour spaces such as RGB, CMYK, and Lab can be used.

Advanced Technologies to Maintain High Image Quality

**Developer Refresh System**
In order to achieve consistent image quality from first page to last, Sharp developed the Developer Refresh System. In this system, toner and carrier are delivered to the developing unit at the same time. By discharging old developer little by little and continuously replacing it with new developer, this system prevents developer deterioration, ensuring stable print quality over the long term.

**Auto Process Control**
To maintain a consistently high image quality during large-volume print jobs, the MX-7500N/6500N employs an enhanced periodic colour calibration system. Image density sensors monitor image consistency to minimise colour variance between pages. As an added advantage, the MFP makes the necessary colour adjustments without stopping the print job, ensuring time-efficient printing.

**Precise Colour Registration**
To meet the demands for high image quality, accurate colour registration, and stable output, the MX-7500N/6500N employs functions that automatically make the right adjustments at the right time without sacrificing print speed. These functions enable the MFP to deliver highly precise printing and stable colour quality, so that a consistently high level of print quality and productivity is maintained over the long run, from first page to last.

- When printing large numbers of multi-page documents, the MX-7500N/6500N automatically adjusts the print position so that each of the CMYK colours is printed at the correct registration.
- The MX-7500N/6500N’s registration sensors precisely detect the position of registration patches printed on the transfer belt. These measurements are then used to make minute adjustments—when necessary—of the print position for each CMYK colour.
- The temperature inside the machine is measured by sensors in key areas of the MFP, such as the LSU (laser scanning unit) and paper-transfer section. The MFP uses this information to make automatic adjustments before print quality can be affected by temperature changes.
- For even greater precision, a sensor detects any skewing of the laser beam that goes from the LSU to the photosensitive drum, so that the MFP can make automatic adjustments to eliminate such skewing.
**Fiery® Print Server for Outstanding Colour Output**

**MX-7500N/6500N and Fiery® Print Server—A Winning Combination**

Paired with the MX-PE10, an industry-leading EFI Fiery external print server, the Sharp MX-7500N/6500N becomes a powerful integrated solution for managing professional in-plant and busy on-demand printing environments. This winning combination offers the following benefits, to name just a few:

- Easily manage jobs with Fiery® Command WorkStation® fully integrated at the MX-7500N/6500N’s touchscreen for unmatched control and ease of use.
- Deliver high-impact documents with vibrant colour fidelity that maintains consistent results page after page.
- Process large, complex jobs at speeds of 75/65 ppm that will exceed your expectations.

**Better Productivity with Higher Performance**

The powerful architecture of the MX-PE10 Fiery Server shortens turnaround times, while helping companies produce professional-looking finished jobs that win them new business and get their customers noticed.

**Outstanding Colour across Applications**

In demanding environments, achieving accurate colour every time is critical. The integrated Fiery colour management tools provide superior colour control out of the box. Customers, who routinely use transparencies and other effects such as drop shadows, can rest assured that their designs will be printed correctly.

**Centralised Control and Automated Management**

The MX-PE10 Fiery Server offers a centralised solution that features the award-winning Command WorkStation® with a de facto industry-standard print job management user interface. Its interactive WYSIWYG interface enables operators to monitor, control, and troubleshoot production from multiple desktops or locally at the Fiery Server directly from the MX-7500N/6500N’s touchscreen.

**Industry-Leading Production Print and Variable Data Tools**

The MX-PE10 Fiery Server offers optional make-ready tools and driver-based imposition with the optional saddle stitch finisher to efficiently handle many production processes. The MX-PE10 Fiery Server enables customers to produce short-run jobs profitably by automating manual tasks, and increases workflow flexibility by supporting industry-leading variable data printing (VDP) formats including PPML and the new PDF/VT-1 and 2 formats.

**Integration with Third Party and Other EFI Solutions**

The MX-PE10 Fiery Server uses the Adobe PDF Print Engine (APPE) v2.5 rendering technology to offer a native end-to-end PDF workflow. The Fiery open platform also supports industry standards and seamlessly integrates with existing MIS environments, third-party vendors, and other EFI MIS solutions.

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**The Job Center is the operator’s main interface for all job management and set-up controls for Fiery servers.**

1. Drag & drop capabilities for fewer clicks
2. Customisable tool bar
3. Instant status of all Fiery servers
4. Job grouping for efficient job management and visibility of job status
5. Instant information on engine, consumables, and media
6. Instant information on job requirements
7. Integrated job preview
8. Integrated job search across all Fiery servers
9. Inline editing of number of copies, job name, and workflow

**Command WorkStation is fully integrated at the Sharp control panel.**

An optional keyboard allows easy data and text entry, and an optional touch pad (part of the MX-PX10 Fiery interface Kit) allows you to control an on-screen mouse.
Device Management (Internal Applications)

Simplified System Settings
MFP features and settings, including address book control and document filing management, can be configured either through web-based device management or from the MX-7500N/6500N’s control panel.

Network Utility Software
Sharp Remote Device Manager* (SRDM) gives administrators centralised control of their networked MFPs through a standard web browser, making device cloning and other operations easier and more accessible.

* Contact a Sharp customer representative for details on using this function.

Remote Operation
The Remote Operation function lets you display the MFP’s main control panel on your PC screen, allowing you to operate every major function directly from your desktop.* This function also enables the administrator to remotely guide an MFP user through necessary procedures.

* Requires VNC application.

Sharp OSA* (External Applications)
As an innovative development platform, Sharp OSA allows you to interact with critical business and network applications—or access an external accounting module—right from the touchscreen LCD control panel, bringing a whole new realm of control and convenience. And since Sharp OSA utilises industry-standard network protocols, the MX-7500N/6500N can easily integrate with document management systems, software for enterprise resource planning, workflow applications, and more. The latest version of Sharp OSA can reach beyond the firewall, enabling extensive system construction and services over the Internet. Other benefits of bringing Sharp OSA on board include the reduction of costs associated with system implementation and management and the ability to share data across company branch offices or subsidiaries.

* Requires optional MX-AMX2 and/or MX-AMX3.

Exceptional Ease of Use

15.4-Inch Colour Touchscreen LCD
MFP operation has never been so intuitive, so easy. The control panel on the MX-7500N/6500N features a clear, wide WSVGA touchscreen LCD, ensuring that simple hand gestures applied to the screen bring effortless control of every document, function, and setting. With its user-friendly operation and easy customisation, this high-resolution touchscreen boosts productivity to the next level. For easy viewing, the control panel can be tilted from front to back and from side to side, and the arm, to which the control panel is attached, can be freely rotated from side to side to the user’s desired angle.

Advanced Preview
The Advanced Preview function saves you time and effort by showing scanned images on the LCD as thumbnail displays for easy confirmation and editing. Page layout, stapling, and other aspects of document finishing can be checked before documents are printed out. Pages can be previewed in 3D, rotated, put in a different order, or deleted via touch-and-drag editing on the LCD. You can even erase specific pages and insert blank pages.

Job Management
The MX-7500N/6500N features a Job Management screen that allows users to oversee their print jobs and have complete control of them. From here, users can easily view the status of individual jobs, change the order of jobs in the print queue, and quickly retrieve files from the MFP’s hard disk. The Job Management screen also shows the scheduled start time of jobs later in the print queue, so that users can know how long the current job will take. This helps users prioritise their workload and ensures maximum productivity.

Retractable Keyboard (option)
A full-size retractable QWERTY keyboard slides out from beneath the control panel to make text input fast and easy: convenient for typing things like e-mail addresses and messages, as well as passwords for user authentication.
Multi-Layered Security

Data Encryption and Overwriting
Digital copier/printers and MFPs retain large amounts of data generated from copy/print/scan/fax jobs in internal storage. To safeguard confidential data from unauthorised access, standard-equipped security features on the MX-7500N/6500N automatically encrypt job data prior to saving it to internal storage. Once a job is finished, that encrypted data is erased via up to seven automatic overwrites. Protection of administrator/file/folder passwords brings further peace of mind.

User Authentication
The MX-7500N/6500N prevents unauthorised use by requiring passwords for machine access. This safeguarded solution can register up to 1,000 users in three access levels as Administrator, User, or Guest and can designate to which function user authentication applies. And the MX-7500N/6500N works with an external Active Directory server to extend user authentication to multiple MFPs and a greater number of users.

Hidden Pattern Copy/Print
With this function, a watermark, such as “Confidential” or “Not for Copy,” can be embedded onto a document. If that document is copied, the watermark will appear, alerting the user not to distribute it.

Tracking Information Print
This function prints the MFP user’s name, the date, the MFP’s serial number, the job ID, and other specifics on printouts, making it possible to track documents and prevent data theft.

Other Key Features
- Mirrorin Kit (option) provides backup for the MFP’s hard disk
- Supports the IEEE 802.1X standard for port-based network access control and the IEEE 2600 standard for hardcopy device and system security
- IP/MAC address filtering restricts unauthorised access
- SSL and IPsec enable data encryption for secure network communications
- Retained data can be initialised when it’s time to replace the MFP
- Encrypted PDF secures a document by scanning it into a password-protected PDF for transmission over the network in encrypted format

Document Control Function (option)
Document Control prevents unauthorised copying, scanning, faxing, and filing of confidential documents by embedding copy prevention data onto a document. When that data is detected, any unauthorised attempts to copy will be cancelled or will result in only blank-page output.

Note: Requires optional Data Security Kit. May not work for certain types of documents or paper.

System Configuration

Note: Contact a Sharp customer representative for details on activating these security functions.

*1: Requires for minimum configuration
*2: Cannot be used with MX-RB14, MX-LC13, or MX-MF11
*3: Up to two Stackers can be connected for use together. MX-ST10 comes standard with one MX-CA10
Eco-Friendly Advances

Reduced Power Consumption
The technologies described here dramatically reduce power consumption and give the MX-7500N/6500N a smaller environmental footprint than previous models. And because of its reduced power consumption, the MX-7500N/6500N boasts lower TEC values* than the maximum allowable values determined by ENERGY STAR®. A shorter warm-up time brings additional convenience.

* Typical amount of energy consumed in a hypothetical week measured as stipulated under the ENERGY STAR® programme.

Belt Fusing System
Sharp’s belt fusing system reduces energy consumption and as a result, shortens the MX-7500N/6500N’s warm-up time to 90 seconds.

LED Lamps
Energy-efficient LED lamps employed in the scan unit (instead of conventional xenon lamps) provide further energy savings.

Enhanced Auto Power Shut-Off Mode
Based on usage patterns established over a four-week period, Enhanced Auto Power Shut-Off mode automatically determines the optimal length of time to let elapse before turning the power off. To accommodate intensive use of the MFP on a specific day or time, users can manually set the elapse time to suit their specific usage patterns.

Power ON/OFF Scheduling
The Power ON/OFF Schedule function automatically turns the MX-7500N/6500N on or off according to time schedules set by the administrator.

Eco Scan
Eco Scan function saves energy by turning off power to the fusing system during jobs that don’t require any printing, such as Image Sending and Document Filing.

Certain options may not be available in some areas.
## SPECIFICATIONS (tentative)

### General

**Type**
Console

**Engine speed**
A4 (8 1/2" x 11")**: Max. 75/65 ppm
A3 (11" x 17")**: Max. 42/38 ppm
SRA3: Max. 40.6/36 ppm

**Control panel display**
15.4-inch colour LCD touch-screen

**Paper size**
Max. SRA3/A3 wide (13” x 19”), min. A5 (5 1/2” x 8 1/2”)*1

**Paper capacity (80 g/m²)**
Standard: 3,100 sheets (1,200-sheet tray, 800-sheet tray, 500-sheet tray x 2, and 100-sheet multi-bypass tray). Maximum: 13,500 sheets (3,000 sheets and optional 2 x 2,500-sheet tray x 2 and 500-sheet multi-bypass tray)*2

**Paper weight**
Max. 163 gsm to 220 gsm (16 lbs bond to 80 lbs cover)

**Scan speed**
Max. 0.35 kW

**Warm-up time**
90 sec.

**Memory**
5GB (copy/print shared) 1TB HDD**7**

**Power requirements**
220V to 240V, 50/60 Hz (10A plug x 2)

**Dimensions (W x D x H)**
982 x 768 x 1,530 mm (38 21/64" x 19" x 19 7/32")

**Weight (approx.)**
228.1 kg (502.9 lbs)

### Copier

**Original paper size**
Max. A3 (11" x 17")

**First copy time**
Full colour: 5.1/5.6 sec. B/W: 3.7/4.0 sec.

**Continuous copy**
Max. 9,999 copies

**Scan speed**
Scan (colour): 600 gsm to 220 gsm (16 lbs bond to 80 lbs cover)

**Gradation**
Equivalent to 256 levels

**Zoom range**
25 to 400% in 1% increments

**Preset copy ratios**
Metric: 10 ratios (RM/E), incl: 8 ratios (RA/RE)

### Network Scanner

**Scan method**
Push scan (via control panel)

**Scan speed**
One-sided: Max. 75 originals/min.
Two-sided: Max. 150 originals/min.

**Resolution**
Scan: 75, 100, 150, 200, 300, 400, 600 dpi

**File formats**
TIFF, PDF, PDF/A, encrypted PDF, compact PDF**7**, JPEG**7**, XPS

**Scan destinations**
Scan to e-mail/FTP server/network folder (SMB)/USB memory

### Network Printer

**Resolution**
1,200 x 1,200 dpi, 600 x 600 dpi, 9600 (equivalent) x 600 dpi

**Interface**
USB 2.0, 10Base-T/T100Base-TX/1000Base-T

**Supported OS**

**Network protocols**
TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), EtherTalk (AppleTalk)

**Printing protocols**
PCL, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FTP for downloading print files, EtherTalk printing, IPP

**PDL**
Standard: PCL 6 emulation, Adobe® PostScript® 3**5**

**Available fonts**
80 fonts for PCL, 139 fonts for Adobe PostScript 3

### Fiery® Print Server (optional MX-P310, MX-KB16, and MX-PX10 required)

**Type**
External server

**System software**
Fiery® F5000 Pro

**Operating system**
Windows® 7 Professional for Embedded Systems x32/x64

**CPU**
Intel® Core® i5-2400, 3.1 GHz

**Memory**
4GB RAM 1TB HDD

**Resolution**
1,200 x 1,200 dpi, 600 x 600 dpi (PS, PCL)

**Supported OS**

**Network protocols**
TCP/IP, IPX/SPX (Print, LDAP)

**Printing protocols**
LPD, Pserver, RPRINT, PAP, SMB, port 9100, IPP 1.1, e-mail print (PS, PDF), Mac Bonjour, AppleTalk

**PDL**
Adobe® PostScript® 3

**Available fonts**
138 fonts for Adobe PostScript 3

**Power requirements**
100V to 240V, 50/60 Hz

**Power consumption**
Max. 0.35 kW

**Dimensions (W x D x H)**
212.3 x 482.6 x 488.4 mm (8 23/64" x 19" x 19 7/32")

**Weight (approx.)**
19.6 kg (43.2 lbs)

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1: Long-edge feeding. 2: Only short-edge feeding can be used with A5 5 1/2" x 8 1/2" paper. 3: At rated voltage, 25°C (77°F). May vary depending on operating conditions and environment. 4: HDD capacity depends on procurement and sourcing status. 5: Long-edge feeding of A4 (8 1/2" x 11") sheets from 2nd paper tray, using document glass, without Auto Colour Selection and Auto Colour mode, MFP in fully ready condition. May vary depending on operating conditions and environment. 6: Based on Sharp’s A4 standard chart, using document feeder and long edge feeding. Using factory default settings with Auto Colour Selection off. Scan speed will vary depending on the type of document and the scan settings. 7: Optional MX-E611 required. 8: Colour only. 9: Storage capacity will vary depending on the type of document and the scan settings. 10: IPv6 is supported only by LPR printing protocol. 11: Optional MX-P310 required. 12: IPv6 is supported only by LPD and port 9100 printing protocols.

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