

XEROX DOCUMENT CENTRE
440/432/425
SPECIFICATIONS



PRINT

SCAN

print print print print print print print print print print

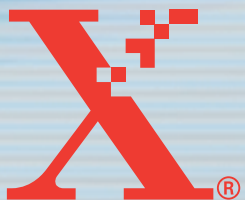
scan scan scan scan scan scan scan scan scan scan

FAX FAX

Email Email Email Email Email Email Email Email Email Email

COPY

440 432 425



THE DOCUMENT COMPANY

XEROX

Smart® Network Controller

Processor

The Intel® Celeron processor at a minimum of 300 MHz utilises the Intel® P6 micro-architecture's multi-transaction system bus and incorporates an internal full speed L2 cache interface.

Memory

64 MB RAM, uses system disk for virtual memory.

System Disk

4.5 GB minimum.

Concurrent Print Processing

Concurrently receives print jobs, interprets print jobs, and prints. 1-N processing with job streaming for high performance.

Concurrent Protocol Support

Supports up to 4 network protocols simultaneously.

Adobe PostScript 3, PCL6 (PCL5e), TIFF, and PDF Interpreting

Auto Sensing/Switching between PostScript, PCL, TIFF, and PDF.

PDL support for LCDS, SCS, IPDS, XES to PostScript or PCL through

third-party transforms.

Printing and Copying Speed

Images per minute (ipm)	440	432	425
Simplex-A4/210 x 297mm	40 ipm	32 ipm	25 ipm
Simplex-B4/250 x 353mm	24 ipm	24 ipm	24 ipm
Simplex-A3/297 x 420mm	20 ipm	20 ipm	20 ipm
Number of copies in first minute	35	29	22
Duplex-A4/210 x 297mm (1:2)	32 ipm	30 ipm	25 ipm

First-copy-out time: 3.9 seconds (A4/210 x 297mm from platen)

Duplex is trayless and accommodates all sizes, with no capacity limit.

Paper Handling Input

Settable tray priorities, Automatic tray switching, Load paper while running.

Document Handler

Duplex Automatic Document Handler with 50-sheet capacity.

Document Handler – Paper Sizes Sensed

A5/148 x 210mm LEF, A5/148 x 210mm SEF, A4/210 x 297mm LEF, A4/210 x 297mm SEF, A3/297 x 420mm SEF.

Front-Loading Paper Trays

Up to 4 trays hold 500 sheets, user adjustable from A5/148 x 210mm to A3/297 x 420mm, 60-90 g/m² weights. Letterhead, pre-printed forms, labels, transparencies, hole-punched, card stock, and recycled papers. (A5/148 x 210mm in Tray 1 only. Tray 2 capable of 105 g/m², A4/210 x 297mm).

Envelope Tray (optional)

70 envelopes, 90 g/m², 165 x 99mm to 254 x 178mm, 60-90 g/m².

Bypass Tray

50 sheets A6/105 x 148mm to A3/297 x 420mm, 60-200 g/m²

High-Capacity Feeder

2,000 sheets, A4/210 x 297mm, 60-200 g/m².

Output

Standard – Offsetting Center Tray

500-sheet capacity, 102 x 152mm to A3/297 x 420mm.

Standard – Left Catch Tray

200-sheet capacity, 102 x 152mm to A3/297 x 420mm.

Finisher

1,000-sheet capacity, A5/148 x 210mm to A3/297 x 420mm, 60-200 g/m² weights; 50-sheet staple capacity, A4/210 x 297mm and A3/297 x 420mm (excluding B4/250 x 353mm).

Tower Mailbox (optional)

1,000 total page capacity, 10 bins with up to 100 sheets each.

Convenience Stapler and Work Surface (optional)

Staples up to 50 sheets of 80 g/m² stock. 5,000 staples per cartridge.

Note: Paper capacities are based on 80 g/m² stock; capacities will vary with different weight stocks.

Copying

Automatic and operator-selectable enhancements for copying.

Copy Sets

Scan once, print many with 1-N processing.

Resolution

600 x 600 dpi x 8 bit.

Digital Imaging

Xerox-patented AutoIQ used to optimise capture of mixed text, graphics, and

photos. Auto-rotation (rotates image 90° or 270° when needed). Image Shift (0 to 50mm in 1mm increments). Edge Erase (top, bottom, left, and right from 0 to 50mm in 1mm increments). Auto Centering. Auto Registration. Original Type selection (auto, text, photo). Adjustments for Lighter/Darker and Sharpness.

Memory

2.1 GB disk storage holds up to 1,500 pages of A4/210 x 297mm standard business text at 5% area coverage (varies with image complexity).

Zoom Reduction/Enlargement

Variable from 25% to 400% in 1% increments. Six pre-set selections.

Anamorphic zoom (adjusts vertical and horizontal reduction/enlargement separately to fit copy pages).

Special Features

Auto Paper Select; Auto Tray Switching; Booklet Creation; 2-up, 4-up; Transparency Dividers blank/printed; Covers Insertion blank/printed; Build Job (special programming for different pages—can be used for inserts mixing input from Document Glass and Document Handler, etc.); Stored Job Programming; Job Interrupt; Bound Document Copying; Sample Set; Store/Recall Job Programming; Inserts; Mixed-Size Originals; Annotation (Top/Bottom, Left/Centre/Right, Portrait/Landscape, Opaque/Transparent, Start on Page 'N', Large/Small Fonts).

Creative Kit (optional)

Marker Pen Editing allows selection of marker image areas.

Electronic Auditron

Up to 2,000 accounts; copy and fax count and limit by service.

Auditron Report

Print auditron report or direct connect to download auditron data.

Foreign Device Interface (optional)

Third-party accounting device support.

Printing via CentreWare

Printing Concurrency with Copy

Concurrently receives and processes print jobs while system is scanning or printing copy job.

Resolution

600 x 600 dpi. 400 x 400 draft mode to conserve dry ink.

Document Printing

Transmit once, process once for maximum productivity.

Smart® Controller

1-N processing with job streaming for high-performance processing and printing.

CentreWare Print and Fax Services

Enhanced print drivers or PostScript Printer Description (PPD) or Generic Printer Description (GPD) for all supported environments.

Print Submission Features – Secure Print (via password), Delay Print, Sample Print, Multi-up, Watermark (text and bitmapped), Automatic Booklet Creation, Fit to New Paper Size, Transparency Interleave, Cover Selection, Selection of Paper Stock by attribute (size, colour, type), Stapling up to 50 pages per set, Offsetting, Banner Sheet enable/disable per job.

Note: Not all features available on all drivers.

Network Services – CentreWare Conductor for tracking print and fax jobs,

Document Centre and job queue management, deleting jobs. Users can customise event notification and display settings. CentreWare Fax Phonebook—Network fax contact management tool integrated with print and fax drivers, individual and shared group phonebooks.

CentreWare Admin Services

Device Admin Wizard – Simplifies installation and administration, remote modification of Document Centre settings in NetWare, Microsoft Networking, TCP/IP, and Banyan VINES environments.

Device Discovery Wizard – Automatically locates Document Centres in TCP/IP and SPX/IPX environments.

Macintosh Print Utility – Tool to modify AppleTalk zone and printer name.

Printing Protocols and Networks

Physical

Ethernet 100BaseT/10BaseT, 10Base2, 10Base5 via adapter, IEEE 1284 Parallel (compatibility mode). IEEE 802.5 Token Ring (optional).

Network Operating Systems (verified)

- Microsoft Windows 2000, NT 4.0, Millennium (Me), 98, 95
- Novell NetWare 3.2, 4.1x, 5.x
- Solaris 2.5.1, 2.6, and higher
- IBM-AIX 4.2 and higher
- SCO UnixWare 7.0.1
- Linux Intel:
 - Red Hat
 - Caldera
 - Mandrake (LPRNG printing infrastructure)
 - Corel (i386)

- TurboLinux (i386)
- SuSE (i386)
- Linux Power PC
 - TurboLinux Server 6.0.2
- MacOS 8.x, 9.x, OS X
- HP-UX 10.2, 11.x
- SGI 6.2 and higher
- DEC Alpha True64 and higher

Network Protocols

TCP/IP: Internet Printing Protocol, LPD, Raw Socket Printing, NetBIOS, HTTP.
 NetWare: NDS IPX/SPX, NDPS, NEPS.
 AppleTalk: EtherTalk.
 NetBEUI: DLC/LLC.

Administration Protocols

DHCP, BOOTP, SNMP, WINS, DDNS, SLPv2, HTTP.

Print Drivers

Environment	PostScript 3	PCL
Windows 95/98/Me (WHQL certified)	Enhanced*	Enhanced
Windows NT 4.0 (WHQL certified)	Enhanced & Standard**	Enhanced & Standard
Windows 2000 (WHQL certified)	Standard	Standard
Windows NT 4.0 DEC Alpha	Enhanced	N/A
Macintosh System 8.x, 9.x, OS X	Enhanced	N/A
Macintosh, Windows	Standard	N/A

* Enhanced: An icon-based custom print driver.

** Standard: A traditional printer description-based print driver.

Print Submission Tools

UNIX Environment	PostScript 3	PCL
Solaris 2.5.1, 2.6, and higher	Submission Tool with full feature set (includes administration, GUI/TTY print driver, and software installation)	Submission Tool only
SCO UnixWare 7.0.1		
SGI 6.2 and higher		
HP-UX 10.2 and higher		
DEC Alpha True64 and higher		
IBM-AIX 4.2 and higher		
LPRNG printing infrastructure Linux Intel and Linux Power PC		

TIFF/PDF:

Supported in Windows 95/ 98/Me/NT 4.0/2000:

Submission Tool for any TIFF or PDF file

Fonts

Adobe PostScript 3 Software: 136 Adobe PostScript Type 1 fonts. (optional)

PCL6: 45 MicroType fonts.

Walkup Print (diskette access)

Accept print jobs from DOS-formatted diskette in PostScript, PCL, TIFF, PDF, or ASCII formats.

CentreWare Internet Services

HTTP server embedded on SMart® network controller.

Job Submission of Print-Ready Files

PostScript, PCL, TIFF, PDF, ASCII.

Device Status

Bi-directional system status which includes tray status/contents, consumable status, personal job queue management to hold, release, and delete print jobs.

Print Queue Viewing

Promote, Release, Delete options.

System Administration Utilities

Device install, site settables, configuration options, remote reset.

Browsers

Windows 2000/98/95/Me/NT 4.0: Netscape Navigator 4.0/4.5/4.6/4.7, Microsoft Internet Explorer 4.x/5.x.

Macintosh 8.6/9.0: Netscape Navigator 4.0/4.5/4.6/4.7.

Solaris 2.5/2.6/2.7 (SunOS 5.5/5.6/5.7): Netscape Navigator 4.6/4.7, Microsoft Internet Explorer 4.x/5.x.

Solaris 8 (SunOS 5.8): Netscape Navigator 4.0/4.5/4.6/4.7, Microsoft Internet Explorer 5.x.

Scanning

Network scanning template creation and editing.

Additional Print Management Services

Printer Management Support

SNMP Version 1 and SNMP Version 2c traps.

MIB access (IETF – MIB II RFC 1213, Host Resources MIB RFC 1514, Printer MIB RFC 1759).

Xerox Novell NDPS/NEPS

Server gateway application: Centralised management tool provides streamlined installations via printer agents, automated printer driver installation and downloads, printer and job configuration, configurable event notification.

Xerox PrinterMap (TCP/IP and NetWare IPX/SPX)

Desktop application: Provides enterprise printer management with a proactive, single view topology map to manage multiple vendors' printers; view printers by attribute, model, or other administrator-defined group.

Xerox CentreWare for Unicenter TNG

Provides added identification to the general discovery performed by Unicenter TNG and the ability to see the Document Centre under a Unicenter TNG Business Process View. Provides full integration with event management and the choice to integrate with problem management and advanced help desk.

Xerox PrintXchange

Single point of access to manage printers across enterprise, load balancing, job scheduling, demand reprint.

Xerox CentreWare for Tivoli NetView

Provides for the identification of Xerox Document Centre multifunction devices in the general discovery performed by Tivoli NetView. Also provides the ability to see the discovered Xerox devices in a Xerox Printers SmartSet in addition to the Printers SmartSet. Finally, provides full integration with the NetView and Event Browser and Tivoli Enterprise Console (TEC).

Xerox CentreWare MC for Microsoft Management Console (MMC)

CentreWare MC snap-in supports printer discovery and management via a Microsoft Management Console (MMC) link to an embedded Web server in Windows 2000/NT environments. It is a general-purpose management display framework for hosting administration tools.

Xerox CentreWare for HP OpenView

Provides for the identification of Document Centre multifunction devices in the general discovery performed by HP OpenView. Also provides the ability to see the current status of discovered Xerox devices under a Xerox Printer Map and IP Map via colour-coded icons. In addition, provides traps and message updates to the OpenView alarm browser and the ability to launch CentreWare for Internet Services for device management.

CentreWare Web

CentreWare Web is a Web-based device management solution for Windows 2000 environments. It provides help with device discovery and installations, health checks and troubleshooting, and device upgrades, as well as basic accounting and asset management. It includes device and queue views as well as pre-configured and customisable groups.

Xerox Plug and Print 2000

Plug and Print 2000 (PnP2000) is an administrative service program that simplifies enterprise-wide printer installs and relocations for Windows 2000 environments. The product discovers devices, automatically installs devices, enables sharing printers to users, and provides install reports—all through a user-friendly interface.

Network Accounting (optional)

Provides administration and centralised data collection of document service usage for print, copy, fax, and scan operations on a per-device basis over the network. Standard report libraries provide information necessary to determine appropriate expense allocation, the most efficient location, and overall productivity of Document Centre Systems.

Server and Software Requirements

Requires server with Xerox-certified third-party accounting software (purchased separately).

Integrated Scanning (optional)

Concurrency

Scan while system is printing copy or network print jobs or while transferring scan-to-network or fax jobs.

Resolutions

600 x 600 dpi, 400 x 400 dpi, 300 x 300 dpi, 200 x 200 dpi, 100 x 200 dpi. CCD sensing technology for faster, more precise scans.

Maximum Scan Area Size

A3/297 x 420mm.

Network Support

Novell (NCP via IPX/SPX), FTP via TCP/IP, Ethernet, or Token Ring.

File Formats

Multiple- and single-page TIFF 6.0 with G4/MMR compression, PDF.

Scan Control Panel Features

Sides imaged, reduction/enlargement, lighter/darker, edge erase, sharpness/edge enhancement, text/photo/auto image quality modes, image resolution, document filing options, print copy of originals.

Document Management Fields

Up to 6 user-defined fields captured with scan image to eliminate back office steps.

Scan Destinations

Scan to Network Server, Scan to PC Desktop™, Scan to E-mail using MAPI-32 compliant e-mail client, Scan to Application (workflow EDMS), Scan to Microsoft Exchange Public Folders.

Scan to PC Desktop™

CentreWare Network Scanning, ScanSoft PaperPort, ScanSoft TextBridge Pro, Document Centre Image Retriever.

Scan Applications – Various Providers

DocuShare, FlowPort, Lotus Notes/Domino.doc, Microsoft Exchange Public Folders, Documentum, Compaq Work Expeditor, Optika eMedia.

Secure Access

Device login with network user name and password.
Supports Kerberos (Windows/UNIX), SMB (Windows/NT 4.0), NDS (Novell NetWare).

CentreWare Operating System

Windows 2000, Windows NT 4.0, Windows 98, Windows 95, or Windows Me.

E-mail (optional)

Capability

Direct e-mail from the device.

Resolutions

600 x 600 dpi, 400 x 400 dpi, 300 x 300 dpi, 200 x 200 dpi, 100 x 200 dpi.

Maximum Scan Area

A3/297 x 420mm.

Network Protocol

SMTP, MIME encoded.

Authentication

Optional secure device login with network user name and password.

Optional PIN-based guest login.

Kerberos (Windows/UNIX), SMB (Windows), NDS IPX/SPX (Novell NetWare).

Directory Access

Corporate address list via LDAPv3.

Downloaded address list (comma-separated file format).

File Formats

Single- or multiple-page TIFF 6.0 with G4/MMR compression, PDF (image only).

Embedded Fax (optional)—1 or 2 fax lines

Fax Input Speed

40/32 ppm.

Document Scanner

Duplex Digital Document Scanner with 50 sheet capacity.

Compatibility

ITU (CCITT) Group 3 Quality/resolution 400 x 400 dpi, 300 x 300 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi.

Speed/Modem

V.34 modem—33,600 bits per second (bps). <4 seconds per page transmission time.

ISDN via third-party adapter.

Speed/Compression

MMR, MR, MH.

Concurrency Features

Concurrent copy/print/scan to file during fax transmission. With two lines, may concurrently send and receive faxes.

Fax Send Features

Fast scan permits walk away without waiting for transmission, fax two-sided pages, sizes up to A3/297 x 420mm, fax from platen, automatic cover sheets, auto fax transmission reduction, page-by-page job status at machine, delay start, priority send, auto memory resend, broadcast.

Fax Receive Features

Print fax automatically on coloured paper, cover sheet single-sided with fax double-sided, stapled, up to A3/297 x 420mm.

Auto reduction at reception to fit available paper, junk fax prevention.

Fax Reports

Activity report, transmission confirmation report, broadcasting report, pending fax report, dial directory report.

Security

Secure Fax Receive—Can prevent printing of all received faxes until administrator turns back to normal.

Fax Receive Mailboxes—Up to 200 mailboxes for later retrieval and printing, password protected.

Productivity/Auto Dialing

Total 200 speed dials, batch send, auto redial, 10 group send allowing up to 20 recipients per group.

Network (LAN) Faxing

Outbound faxes can be sent from the desktop. Fax phonebook for individuals and groups, cover page with sender and recipient information, confirmation report, force 4800 bps speed, resolutions of 400 x 400 dpi, 200 x 200 dpi, or 200 x 100 dpi.

Network Fax Server Integration (optional on ST)

Document Scanner

Duplex Digital Document Scanner with 50-sheet capacity.

Secure Access

Optional user login and password.

Fax Send Features

- One- or two-sided scanning.
- Phone number entry.
- Add to send list (50 numbers maximum).
- Delay send (specific time).
- Resolution selection (fine, standard).
- Image quality selection (normal, text, halftone, photo, background suppression, 7 levels of contrast, 7 levels of sharpness).

Fax Print Features

- One- or two-sided printing.
- Number of copies.
- Staple on/off.
- Collate on/off.
- Secure print on/off.
- Finisher output tray selection (top tray or main tray).

Supported Network Fax Vendors

- RightFAX, any Xerox-certified vendor

Integrated Control Panel User Interface

Job Status

View status of print, copy, scan, and fax jobs.

View log of completed print, scan, and fax jobs.

Machine Status

Paper Trays, Fault History, Customer Support Phone.

Counters—print, copy, scan, e-mail, and fax.

Promote

Promote selected job to the top of the queue (print next).

Release

Release selected job from hold queue (Secure Print, Sample Print).

Delete

Delete selected pending job from print queue.

Auditron Capability – up to 2,000 accounts

Copy and fax services – can count and limit by service.

Product Configurations

ST - Integrated System (integrated print, scan, e-mail, copy, fax)

Duty cycle 200,000 images.

DC - Digital Copier (upgradeable to print, scan, e-mail, fax services)

Duty cycle 200,000 images.

Electrical Requirements

Sole use of a 220/240 volt, 5 ampere, 50 Hz circuit.

Power Consumption

Average maximum 1.38KVA @ 240 volts.

Standby less than 100 watts.

Power saver mode 70 watts.

Environmental Requirements

Temperature Range

32°C

Relative Humidity

15 - 85%.

Dimension (fully configured)

	Width	Depth	Height
440/432/425 DC/ST (S, SX, SLS Models)	1,030mm	710mm	1,080mm
440/432/425 ST SLX Model)	1,300mm	710mm	1,080mm

Space Requirements (fully configured)

	Width	Depth	Height
440/432/425 DC/ST (S, SX, SLS Models)	1,422mm	1,829mm	1,600mm
440/432/425 ST SLX Model)	2,159mm	1,829mm	1,600mm

Weight

Document Centre with DADF, Duplex Module and 2 trays: 98 kg
Document Centre with DADF, Duplex Module and 4 trays: 105 kg
Finisher: 19 kg

Supplies

Print Cartridge, Expected Yield

26,300 impressions at 6% area coverage

440/432/425 SLX Model

Printer, Copier, Scan to Network/File, E-mail, Walkup Fax, LAN Fax

Bypass tray, duplex, 2.1 GB IDE disk, 4.5 GB SCSI disk, 4 paper trays, high-capacity feeder, finisher, 64 MB memory, walkup fax, network fax, scan to file, Scan to PC Desktop™ (CentreWare Network Scanning tools, ScanSoft PaperPort LE 7.0, and ScanSoft TextBridge Pro 8.0 software).

440/432/425 SLS Model

Printer, Copier, Scan to Network/File, E-mail

Bypass tray, duplex, 2.1 GB IDE disk, 4.5 GB SCSI disk, 4 paper trays, 64 MB memory, scan to file.

440/432/425 SX Model

Printer, Copier, Walkup Fax, LAN Fax

Bypass tray, duplex, 2.1 GB IDE disk, 4.5 GB SCSI disk, 4 paper trays, 64 MB memory, walkup fax, network fax.

440/432/425 S Model

Printer, Copier

Bypass tray, duplex, 2.1 GB IDE disk, 4.5 GB SCSI disk, 4 paper trays, 64 MB memory.

440/432/425 CX Model

Copier, Fax

Bypass tray, duplex, 2.1 GB IDE disk, 4 paper trays (standard on 440, optional on 432, 425), walkup fax.

440/432/425 C Model

Copier

Bypass tray, duplex, 2.1 GB IDE disk, 4 paper trays (standard on 440, optional on 432, 425).

Scanning Options

- E-mail (included in SLX, SLS models).
- Scan to file (included in SLX, SLS models).
- Scan to PC Desktop™—includes TextBridge and PaperPort.

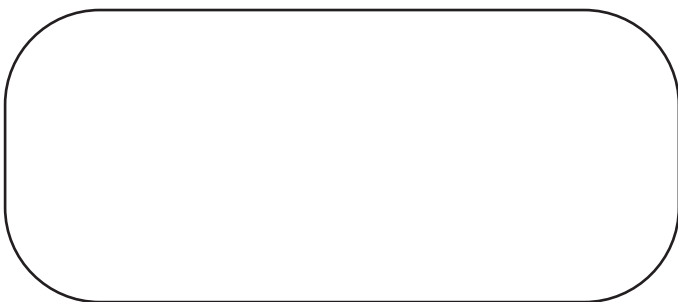
Certifications

Energy Star, Novell Tested and Approved, Genuine Adobe PostScript.

For more information: Contact your local Xerox sales representative or visit our Web site at www.xerox.com

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THE DOCUMENT COMPANY

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