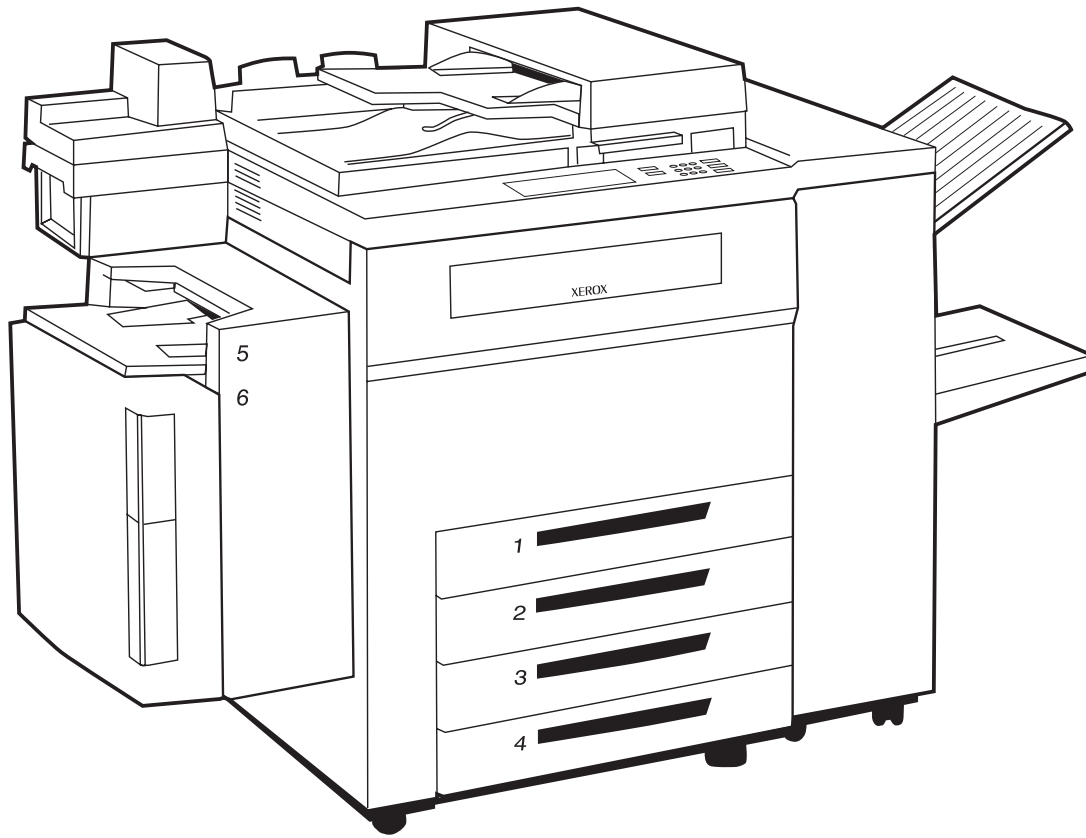


XEROX DOCUMENT CENTRE 470 & 460 SPECIFICATIONS



DIGITAL
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SMart® Network Controller

Processor

High-performance Intel® Celeron 366 MHz processor utilizes 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, expandable to 96 MB.

System Disk

4.5 GB.

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, 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)	DC 470	DC 460
8.5 x 11"/216 x 279mm	65 ipm	55 ipm
8.5 x 14"/216 x 356mm	32 ipm	32 ipm
11 x 17"/279 x 432mm	32 ipm	32 ipm
First-copy-out time (8.5 x 11"/216 x 279mm from platen)	6.8 seconds.	

Two-sided copying is trayless, 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 75-sheet capacity.

65 8.5 x 11"/216 x 279mm one-sided scans per minute.

Handles 16 to 32 lb./60 to 120 gsm originals. Scans each original to memory only once per job (scan once, print many).

No precount for copying one-sided originals to two-sided prints.

Document Handler – Paper Sizes Sensed – N. America

8.5 x 5.5"/216 x 140mm LEF, 8.5 x 5.5"/216 x 140mm SEF, 8.5 x 11"/216 x 279mm LEF,

8.5 x 11"/216 x 279mm SEF, 8.5 x 14"/216 x 356mm SEF, 11 x 17"/279 x 432mm SEF.

Front-Loading Paper Trays

4 trays hold 500 sheets each, adjustable from 5.5 x 8.5"/140 x 216mm to 12 x 18"/305 x 457mm (user adjustable to 11 x 17"/279 x 432mm), 16-110 lb. index/60-200 gsm weights. Letterhead, preprinted forms, labels, transparencies, hole-punched, card stock, and recycled papers.

Bypass Tray (optional for 460 DC/ST)

50 sheets, 4 x 5.85"/102 x 148mm to 12 x 18"/305 x 457mm, 16-110 lb. index/60-200 gsm weights.

High-Capacity Feeder

3,100 sheets, 8.5 x 11"/216 x 279mm LEF, 16-32 lb./60-120 gsm weights.

Output

Finisher

2,000-sheet capacity, 5.5 x 8.5"/140 x 216mm to 12 x 18"/305 x 457mm, 16-110 lb.index/60-200 gsm weights. Staples sizes 6.7 x 8"/170 x 203mm to 12 x 18"/305 x 457mm, Dual or single stapled sets of up to 50 sheets. 5,000 staples per cartridge.

Top Tray (Offsetting Catch Tray on 460 DC)

250-sheet capacity, 5.5 x 8.5"/140 x 216mm to 12 x 18"/305 x 457mm.

Convenience Stapler and Work Surface (optional for 460 DC/ST)

Staples up to 50 sheets of 20 lb./80 gsm stock.

5,000 staples per cartridge (common with finisher cartridge).

Note: Paper capacities are based on 20 lb./80 gsm stock; capacities will vary with different weight stocks.

Copying

Automatic and operator-selectable enhancements for copying.

Concurrency

Concurrent scanning and printing. Scan copy jobs while system is printing from network.

Resolution

600 x 600 dpi x 8 bit.

Copy Sets

Scan once, print many with 1-N processing.

Digital Imaging

Xerox-patented AutoIQ used to optimize capture of mixed text, graphics, and photos. Auto-rotation (rotates image 90° or 270° when needed). Image Shift (0 to 2.0 inches [50mm] in 0.05-inch [1mm] increments). Edge Erase (top, bottom, left, and right from 0 to 2.0 inches [50mm] in 0.05-inch [1mm] increments). Edge-to-Edge copying (except 12 x 18"/305 x 457mm). Auto Centering. Original Type selection (normal, text, halftone, photo). Adjustments for Lighter/Darker, Background Suppression, Contrast, Sharpness, and Screening.

Memory

32 MB memory standard for copy pre-collation; optional upgrade to 160 MB.

4.5 GB disk storage holds up to 6,000 pages of 8.5 x 11"/216 x 279mm 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 % R/E Select; Auto Registration;

Auto Tray Switching; Booklet Creation; Multi-Up copies (16-into-1 maximum for

8.5 x 11"/216 x 279mm), Transparency Dividers (blank or printed);

Negative Image; Mirror Image; Covers Insertion (blank or printed); Build Job

(special programming for different pages—can be used for inserts mixing input

from Document Glass and Document Handler); Stored Job Programming; Job

Interrupt; Bound Document Copying; Sample Set; Store/Recall Job

Programming; Inserts; Mixed Size Originals; Automatic Job Recovery.

Electronic Auditor

Up to 2500 1- to 12-digit user accounts; up to 11,000 5-digit general accounts.

Auditron Report (optional)

Direct connect or remote dial-in for upload/download of Auditron data. Supports

Microsoft Access or comma-separated value formats for import into

spreadsheet or database.

Foreign Device Interface (optional)

Foreign interface (connects to access-control devices)/Sixth Sense modem/

RS-232c port for remote diagnostics and upload/download of Auditron data.

Printing via CentreWare

Printing Concurrency with Copy

Concurrently receives and processes print jobs while system is scanning or printing copy job. Scan ahead for copy while system is printing network jobs.

Resolution

PCL: 600 x 600.

PostScript: 600 x 600 for 128 or 256 levels of grey.

1200 x 1200 and 1800 x 1800 for 256 levels of grey via patented emulation

processes.

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 Services

Custom 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, color, type), Stapling of one or two positions of up to 50 pages per set, Offsetting, Banner Sheet enable/disable per job, Output location selection, Offsetting by set or job, Edge-to-Edge printing, DocuTech 135 emulation, Draft mode (toner saver).

Note: Not all features available on all drivers.

CentreWare Network Services

CentreWare Conductor for tracking print and fax jobs, Document Centre and job queue management, job deletion. Users can customize event notification and display settings.

CentreWare Admin Services

Device Admin Wizard: Simplifies installation and administration and 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).

Print Drivers

Microsoft Windows 2000/NT 4.0/98/95 PostScript Custom; Microsoft Windows NT 4.0/98/95 PCL Custom; Document Centre PPD for Macintosh, Windows; Macintosh OS 7.x., 8.x, 9.x PostScript Custom; OS/2 Warp PostScript Custom; Windows NT 4.0 DEC Alpha PostScript Custom.

Print Submission Tools

Unix: Solaris 2.3 and higher, HP-UX 10.2 and higher, IBM-AIX 4.2/4.3 GUI tools with custom features, command line access to custom features. TIFF/PDF submission tool provides direct submission of TIFF and PDF files from Windows 2000/NT 4.0/98/95.

NOS/Protocols

Novell NetWare 3.x, 4.x, 5.x with NDS. Microsoft Networking (server): Windows NT Advanced Server 2000/4.0/3.51 via SMB (NetBEUI or NetBIOS IP). Microsoft Networking (peer to peer): Workgroups for Windows, Windows 95/98, or Windows NT 2000/4.0/3.51 via SMB (NetBEUI or NetBIOS IP). AppleTalk: EtherTalk, TokenTalk. Banyan VINES/IP 6.x, 7x, 8.x (Ethernet only). TCP/IP: Internet Printing Protocol, LPR, Raw Socket Printing via Port 9100; TCP/IP addressing modes DHCP, BOOTP, RARP, and static. WINS. OS/2 Warp Server 4.x.

PDLs

Adobe Postscript 3, PCL6, TIFF, PDF. Automatic PDL sensing and switching.

Fonts

PostScript 3: 176 Adobe PostScript Type 1 fonts.
PCL6: 45 MicroType fonts.

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

Netscape Navigator 4.x, Netscape Communicator 4.5/4.6, Microsoft Internet Explorer 4.x and 5.x.

Macintosh: Netscape Navigator 4.5.1.

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).

Novell NDPS/NEPS (gateway for Document Centre)

Server gateway application: Centralized 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)

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 an 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.

Network Accounting

Provides administration and centralized 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.

Client-Supported Print Services

CentreWare Custom Print Drivers: Windows 2000/NT 4.0/98/95 PostScript and PCL. Macintosh 7.x/8.x/9.x PostScript. OS/2 PostScript. Windows NT 4.0 DEC Alpha PostScript. Unix environments through CentreWare print tool. CentreWare TIFF/PDF submission tool.

Server and Software Requirements

Requires server and Equitrac OfficeTrac software or other Xerox-certified accounting package.

Integrated Scanning

Scan Input Speed

65 images per minute 8.5 x 11"/216 x 279mm (long edge feed) at all resolutions.

Concurrency

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

Resolutions

600 x 600, 300 x 300, 200 x 200, 100 x 200.

Full width array scanning technology for faster, more precise scans.

Maximum Scan Area Size

11.7 x 17"/297 x 432mm.

Network Support

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

File Formats

TIFF 6.0 with G4/MMR or G3/MR compression.

Scan Control Panel Features

Sides Imaged, Reduction/Enlargement, Lighter/Darker, Manual Contrast, Edge Erase, Sharpness/Edge Enhancement, Text/Photo/Auto Image Quality modes, Image Resolution, document filing options.

Scan Destinations

Scan to Network, Scan to PC Desktop™, CentreWare Scan to E-mail with 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, Lotus Notes/Domino.doc, Microsoft Exchange Public Folders, FlowPort, Documentum, Compaq Work Expeditor, Optika eMedia.

CentreWare Operating System

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

SAP

Supported SAP R/3 print features for PostScript and PCL.

Simplex or Duplex Printing

Print one-sided or two-sided documents.

Finishing

Provides single or dual stapling (up to 50 sheets).

Paper Tray Pull Location

Provides the ability to pull paper stock from up to six different trays and print applications on varied paper stock up to 110 lb. index/200 gsm.

Print Security

Provides a PIN ID capability for the release of SAP R/3 print jobs at the Document Centre.

Network Fax Server Integration

Provides hard-copy capture for fax (with custom user interface for walk-up programming) and hard-copy output of fax when integrated with RightFAX server, (not included). Compatible with RightFAX version 6.x or higher. Transmission speeds, number of lines, compatibility, and compression are all dependent on RightFAX server configuration.

Document Scanner

Duplex Digital Document Scanner with 75-sheet capacity.

Concurrency

Scan for fax while system is printing copy or network print jobs.

Fax Send Features

One- or two-sided scan, phone number entry, add to send list (50 numbers max), delay send (specific time), resolution select (fine, standard). Image Quality: normal, text, halftone photo, photo, background suppression, contrast (7 levels), sharpness (7 levels).

Fax Print Features

One- or two-sided, number of copies, staple on/off, collate on/off, secure print on/off.

Special Features

Access to group dial settings on RightFAX server via input of special characters.

Integrated Control Panel User Interface

Job Status

View current status and completed log of print, copy, scan, and fax jobs.

Machine Status

Paper Trays, Fault History, Customer Support Phone, Counters (print, copy, scan, 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.

Access Control

Internal Auditron or network accounting.

Product Configurations

ST—Integrated System (integrated copy, print, fax, and scan)

Recommended average monthly volumes 50,000 to 250,000 images for 470 ST.

Recommended average monthly volumes 40,000 to 200,000 images for 460 ST.

Duty cycle for 470 ST is 400,000 images.

Duty cycle for 460 ST is 350,000 images.

DC—Digital Copier (upgradeable to ST)

Recommended average monthly volumes 40,000 to 200,000 images for 470 DC.

Recommended average monthly volumes 30,000 to 160,000 images for 460 DC.

Duty cycle for 470 DC is 400,000 images.

Duty cycle for 460 DC is 350,000 images.

Electrical Requirements

Sole use of a 115 volt, 20 ampere, 60 Hz circuit.

Power Consumption

Power consumption: 1425 watts (running), 450 watts (standby), 260 watts (low-power mode), 65 watts (sleep mode). Warm-up: 4 minutes. 45 seconds to recover from low-power mode.

Environmental Requirements

Temperature Range 50° to 95°F/10° to 35°C.

Relative Humidity 10 to 90%.

Noise 40 dBA standby; 62.7 dBA operating; 66.7 dBA impulse.

Heat Emission 1535 BTU/hr standby; 4865 BTU/hr operating.

Ozone Emissions <0.01 parts per million.

Dimensions (fully configured)

470/460 DC/ST	Width	Depth	Height
	69"	28"	44.5"
	1753mm	710mm	1130mm

Space—(fully configured)

470/460 DC/ST	Width	Depth	Height
	102"	69"	78"
	2591mm	1752mm	1981mm

Weight

Fully configured 470/460 ST: 538 lbs./245 kg.

Supplies

	Order Number	Expected Yield
Dry ink cartridge	6R849	23,500 @ 6% area coverage.
Staple cartridges (3 per box)	108R53	5,000 per cartridge.

470 ST Model

Printer, Copier

Finisher, high capacity feeder w/bypass, convenience stapler and work surface, 4.5 GB SCSI copy pre-collation disk, 4.5 GB SCSI network controller disk, 4 paper trays, 64 MB memory. Network accounting, integrated scanning, network fax server integration optional.

460 ST Model

Printer, Copier

Finisher, 4.5 GB SCSI copy pre-collation disk, 4.5 GB SCSI network controller disk, 4 paper trays, 64 MB memory. Network accounting, integrated scanning, network fax server integration optional.

470 DC Model

Copier

Finisher, high capacity feeder w/bypass, convenience stapler and work surface, 4.5 GB SCSI copy pre-collation disk, 4 paper trays.

460 DC Model

Copier

4.5 GB SCSI copy pre-collation disk, 4 paper trays.

Certifications

Energy Star, Year 2000 Compliant, Novell Tested and Approved, Genuine Adobe PostScript, Windows Hardware Quality Labs.

For more information, contact your local Xerox sales representative, call 1-800 ASK XEROX, or visit our Web site at www.xerox.com.

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