

Xerox Document Centre 255st

s p e c i f i c a t i o n s

Print and copy your documents at the speed of work.

SMart® Network Controller

<i>Processor</i>	High-performance PowerPC 603e, 100 MHz.
<i>Memory</i>	32 MB RAM standard, expandable to 64 MB.
<i>System disk</i>	2 GB.
<i>Concurrent print processing</i>	1-N print processing with job streaming for high performance. Concurrently receives print jobs, interprets print jobs, and prints.

PDLs, Fonts, and Utilities

<i>PCL5e</i>	Includes 35 PCL Intellifonts, 10 TrueType fonts.
<i>Adobe PostScript Level 2</i>	Includes 81 Adobe Type 1 fonts.
<i>Adobe Type Manager</i>	Client software creates true WYSIWYG for 81 PostScript fonts.

Auto Sensing/Switching between PostScript and PCL5e.

PDL support for LCDS, SCS, IPDS, XES, to PostScript or PCL through third-party transforms.

Duty Cycle Up to 400,000 per month.

Printing & Copying Speed

<i>8.5 x 11" (216 x 279mm)</i>	55 prints per minute.
<i>8.5 x 14" (216 x 356mm)</i>	32 prints per minute.
<i>11 x 17" (279 x 432mm)</i>	32 prints per minute.
<i>Duplex</i>	Trayless, all sizes, no capacity limit.

Paper Handling

<i>Input</i>	Settable tray priorities, Automatic tray switching, Load paper while running.
<i>Document scanner</i>	Duplex digital document scanner with 50-sheet capacity. 55 8.5 x 11" (216 x 279mm) one-sided scans per minute. Handles 16 to 32 lb. (60 to 120gsm) originals. Scans each original to memory only once per job (scan once, print many). No pre-count for copying one-sided originals to two-sided prints.
<i>Front-loading paper trays</i>	4 trays hold 500 sheets each, adjustable from 5.5 x 8.5" to 12 x 18" (user-adjustable to 11 x 17"), 16 lb. bond to 110 lb. index (140 x 216mm to 305 x 457mm [user-adjustable to 279 x 432mm], 60 to 200gsm). Letterhead, pre-printed forms, labels, transparencies, hole-punched, card stock, and recycled papers.
<i>Bypass (optional)</i>	50 sheets, 4 x 5.85" to 12 x 18", 16 lb. bond to 110 lb. index (102 x 148mm to 305 x 457mm, 60 to 200gsm).
<i>High-capacity feeder (optional)</i>	3,100 sheets, 8.5 x 11" LEF, 16-32 lb. stock (216 x 279mm, 60 to 120gsm).
Note:	All capacities are for 20 lb. (80gsm) stock; capacities will vary with different weight stocks.



Output

<i>Finisher (standard)</i>	2,000-sheet capacity, 5.5 x 8.5" to 12 x 18" (140 x 216mm to 305 x 457mm). Staples sizes 6.7 x 8" to 12 x 18", 16 lb. bond to 110 lb. index (170 x 203mm to 305 x 457mm, 60 to 200gsm). Stapled sets (single or dual staples) of up to 50 sheets of 20 lb. (80gsm) stock. 5,000 staples per cartridge.
<i>Convenience stapler (optional)</i>	Staples up to 50 sheets of 20 lb. (80gsm) stock. 5,000 staples per cartridge (common with finisher cartridge).

Copying Services

First copy in 6.5 seconds from platen.

<i>Concurrency with print</i>	Scan ahead of copy jobs while system is printing from network.
<i>Digital imaging</i>	Auto IQ® automatic image quality enhancement for mixed text, graphics, and pictures. Auto-rotation (rotates image 90° or 270° when needed, 180° when selected). 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. Auto Centering. Original Type selection (normal, text, halftone, photo). Adjustments for Lighter/Darker, Background Suppression, Contrast, Sharpness, and Screening.
<i>Resolution</i>	400 x 600 dpi x 8 bits for copy scanning, 600 x 600 dpi x 8 bits for copy printing.
<i>Copy sets</i>	Concurrent scanning and printing. Program and scan ahead while current job prints.
<i>Memory (standard)</i>	32 MB RAM, 2 GB disk storage holds up to 1,500 pages of 8.5 x 11" (216 x 279mm) standard business text at 5% area coverage (varies with image complexity).
<i>(optional)</i>	RAM upgrades available to 48 or 64 MB.
<i>Zoom reduction/enlargement</i>	Variable from 25% to 400% in 1% increments. Six customer-programmable pre-set percentages, factory-set at 200%, 154%, 129%, 78%, 64%, and 25% (for U.S.) and 100%. Anamorphic zoom (adjusts vertical and horizontal reduction/enlargement separately to fit copy pages).
<i>Special features</i>	Auto Paper Select; Auto % R/E Select; Booklet Creation; Multi-Up copies (up to 16 8.5 x 11" [216 x 279mm] copies on one 8.5 x 11" [216 x 279mm] page); Transparency Dividers (blank or imaged); Covers; Build Job (special programming for different pages—can be used for inserts, mixing input from Document Glass and Document Feeder, etc.); Sample Set; Bound Original copying; Stored Job programming (up to 10 jobs); automatic job recovery; Job Interrupt.

Electronic Auditron

<i>(standard)</i>	500 user accounts (1 to 12 digits); 125 general accounts (4 digits).
<i>(optional)</i>	1800 user accounts; 900 general accounts.
	Software available for data collection to PC.
<i>Accessories (standard)</i>	Foreign interface (connects to access-control devices).



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Printing Services

<i>Concurrency with copy</i>	Concurrently receive and interpret print jobs while system is scanning or printing copy job. Scan ahead for copy while system is printing network job.
<i>Resolution</i>	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.
<i>Printing software</i>	Custom print drivers or PPDs for all supported environments.
<i>Document printing</i>	Transmit once, RIP once for maximum productivity.
<i>Controller</i>	1-N processing with job streaming for high-performance decomposition and printing.
<i>CentreWare Conductor end-user services</i>	Document Monitor for print jobs, job queue management to list and delete personal print jobs, device status ¹ .
<i>Print submission features</i>	Secure print (via encrypted password) Sample print EPS file creation Multi-up printing Watermark (text and .bmp ²) Automatic booklet creation ³ Fit to new paper size ² Transparency interleave Cover selection (front; front and back) Selection of media by attribute (size, color, type) Stapling (one or two position) Offsetting by set or job Edge-to-edge printing ⁴ DocuTech 135 emulation ⁵ Draft mode (toner saver)

Printing Protocols & Networks

<i>Physical</i>	Ethernet 10BaseT, 10Base2 via adapter, 10Base5 via adapter, IEEE 1284 Parallel. Optional—IEEE 802.5 Token Ring.
<i>Print drivers</i>	Microsoft Windows 95/98/3.1 PostScript Custom. Microsoft Windows 95/98/3.1 PCL Custom. Microsoft Windows NT 4.0 PostScript Custom. Document Centre PPD. Macintosh OS 7.x and 8.x PostScript Custom. OS/2 PostScript.
<i>Print submission tools (PostScript)</i>	Solaris 2.5.1, SunOS 4.1.3 and 4.1.3U1.
<i>NOS/Protocols</i>	Novell NetWare 3.x, 4.x with NDS; Microsoft Windows NT Server 3.51/4.0 via SMB (NetBEUI or NetBIOS IP); Microsoft Networking—peer to peer—Windows for Workgroups, Windows 95/98, or Windows NT 3.51/4.0 via SMB (NetBEUI or NetBIOS IP); AppleTalk—EtherTalk, TokenTalk; Banyan VINES 6.x, 7.x; TCP/IP.

CentreWare Internet Services

<i>Browsers⁶</i>	Netscape Navigator 3.x and 4.x, Microsoft Internet Explorer 4.x compatible. PostScript, PCL, ASCII.
<i>Job submission of print-ready files</i>	
<i>Device status</i>	Bi-directional system status which includes tray status/contents.
<i>Print queue viewing</i>	Job list with delete options available.

System Control Panel User Interface

View status of both copy and print jobs.	
View log of completed print jobs.	
<i>Promote</i>	Promote selected job to the top of the queue (print next).
<i>Release</i>	Release selected job from hold queue (secure print, sample print).
<i>Delete</i>	Delete selected job from print queue.
<i>Interrupt</i>	Interrupt from within a job, all features available.

255 Models

ST - Integrated System (integrated copy and print)

<i>Standard equipment</i>	Finisher.
<i>Optional equipment</i>	Bypass, high-capacity feeder w/ bypass, convenience stapler.

LP - Laser Printer (upgradeable to ST)⁷

<i>Standard equipment</i>	Finisher.
<i>Optional equipment</i>	Bypass, high-capacity feeder w/ bypass.

DC - Digital Copier (upgradeable to ST)

<i>Optional equipment</i>	Bypass, high-capacity feeder w/ bypass, convenience stapler, finisher.
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Environmental Factors

<i>Noise</i>	40 dBA standby; 62.5 dBA operating; 66.5 dBA impulse.
<i>Heat emission</i>	1535 BTU/hr standby; 4865 BTU/hr operating.
<i>Ozone emissions</i>	< 0.01 parts per million.
<i>Temperature</i>	50° to 95° F (10° to 35° C). Humidity: 10% to 90%.

ST Dimensions and Weight (fully configured)

<i>W x D x H</i>	69" x 28" x 44.5" (1753 x 711 x 1130mm).
<i>Weight</i>	538 lb. (245 kg).

Electrical Requirements

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

- 1 - Available in Windows 95/98 and Windows NT 4.0.
- 2 - .bmp Watermark and Fit to new paper size are PCL only.
- 3 - Booklet creation is PCL and Windows NT 4.0 PostScript only.
- 4 - Edge-to-edge printing is a PostScript feature only.
- 5 - DocuTech emulation is for image quality and page layout—available in PostScript only.
- 6 - The browser must run on a 32-bit platform (Windows 95/98, Windows NT 4.0 and higher).
- 7 - Available second quarter 1999.

THE DOCUMENT COMPANY

XEROX



ENERGY STAR® is a U.S. registered mark. As an ENERGY STAR® Partner, Xerox has determined that this copier model meets the ENERGY STAR® guidelines for energy efficiency. Terra Choice Environmental Services, Inc. of Canada has verified that this Xerox product conforms to all applicable Environmental Choice EcoLogo requirements for minimized impact to the environment.