

FO-DC550 Document Communication System specifications

Copier Specifications

Type:	Digital duplex desktop MFP
Standard Functions:	Copy/PC Print/Color (or monochrome) PC Scan/Fax
Copy System:	Dry electrostatic transfer system
Originals:	Sheets, bound documents
Original Size (Max):	8.5" x 14"
Copy Size:	Min. 5.5" x 8.5", Max. 8.5" x 14"
Copy Speed:	16 copies per minute (8.5" x 11")
Continuous Copy:	Max. 99 copies
First Copy Out Time:	9.6 sec. (ready), + 25 sec. (preheat), + 40 sec. (auto shut-off)
Warm Up Time:	25 seconds from Energy Saver mode
Zoom Range:	25% to 400% in 1% increments (with RSPF 50%-200%)
Fixed Zoom Mode:	25%, 50%, 64%, 78%, 100%, 129%, 200%, 400%
Exposure System:	Fixed optical source, slit exposure (stationary platen)
Paper Feed System:	Standard: (1) 250-sheet paper cassette with automatic feed Standard: (1) 50-sheet manual bypass tray Optional: (1) 250-sheet paper feed unit
Original Feed System:	30-sheet reversing document feeder (RSPF)/document glass
RSPF Feeding:	12 originals per minute (letter/100%/simplex), original weight 14 to 24 lb. Bond
Paper Type:	Paper Cassettes: 15-21 lb. standard or recycled bond paper Bypass Tray: up to 50 sheets 14-34 lb. standard or recycled bond paper; post cards/envelopes (#10 Monarch)/OHP film/labels one sheet feed
Memory:	32 MB (shared)
Copy Resolution:	Scan: 600 dpi, output: 600 dpi
Exposure Modes:	Photo mode: 600 x 600 dpi Auto exposure: 600 x 300 dpi (manual 5 steps)
Gray Scale:	256 gradations/2 levels
Copy Features:	Stream feeding mode (RSPF), electronic sorting, 2-in-1 copy, offset stacking, auto tray switching, margin shift, zoom, variable memory adjustment, auto shut off, and duplex copy/print
Output Tray Capacity:	200 sheets (face down)
Offset Stacking:	Standard paper shifter (offset stacks sets by 1 inch in output tray)
Fusing System:	Heat roller
Developer System:	Magnetic brush development
Light Source:	Tri-color CCD light source (RGB)
Power Requirement:	AC 120 V, 60 HZ, 8 Amps
Power Consumption:	Max 1000 W, stand-by 80 W/h, auto shut off 8.8 W
Operating Conditions:	Temperature: 50 degrees to 86 degrees F, Humidity: 20% to 85%
Weight:	Approx. 44.1 lbs.
Dimensions:	20.4" (w) x 19.8" (d), x 15" (h)

Super G3 Fax Function (Standard)

Modem Speed:	Super G3 (up to 33.6 kbps) ²
Transmission Time:	3 Seconds ²
Compression Type:	MH, MR, MMR, JBIG
Max. Original Size:	Legal
Resolution:	Standard/Fine/Superfine
Memory:	2 MB
Job Memory:	Up to 50
Rapid Dials:	18
Speed Dials:	100
Group Dials/Broadcasting:	18 groups/100 destinations
Print Hold:	Standard

Design and specifications subject to change without notice.

Sharp is a registered trademark of Sharp Corporation.
All other trademarks and registered trademarks are property of their respective holders.

¹ Resolution settings higher than 600 x 1200 dpi are interpolated

² Based on ITU-T Test Chart #1 in standard resolution. Actual transmission times will vary according to line conditions.

³ Direct PDF printing requires optional AR-PK1N Postscript kit

⁴ Color scanning at 600 dpi requires 256 MB memory expansion

JBIG Speed-Enhanced Printer Function (Standard)

Emulation:	Sharp SPLC host-based controller with JBIG compression
Print Speed:	16 pages per minute one side (letter) with ROPM
First Print Time:	9.6 seconds (without data transfer time; ready)
Resolution:	600 dpi
Operating System:	Windows 95/98/ME, NT4.0, 2000, XP
Software:	Print driver, Printer Status Monitor
Rip Once Print Many:	Yes
Interface:	Standard: IEEE 1284 (ECP) parallel port, USB 2.0
Memory:	Shared
Features:	Offset print, status monitor, 2-up/4-up printing, fit to page, watermark, duplex printing

Scanner Function (Standard)

Type:	Flat head full color/monochrome PC scanning system
Resolution:	Basic: 600 x 1200 dpi ¹ , setting range 50 – 9600 dpi ¹
Operating System:	Windows 98/ME, 2000, XP
Original Type:	Sheets/books up to letter/legal size
Scanning Method:	Original cover/RSPF
Output:	8 pixels/bit, A/D 16 bit
Protocol:	TWAIN, WIA (Windows XP)
Interface:	USB 2.0 [compatible with USB 1.1]
Software:	Sharpdesk™ (ver. 2.7) document management software, Button Manager, Composer (single user)
PC Scan Destinations:	5 preset PC scan destinations can be configured using Button Manager
File Formats:	BMP/JPEG/TIFF

AR-NB2N Network Expansion Kit (Optional)

Features:	PCL6 network printing and network scanning with web-based management function
Standard Memory:	64 MB standard, expandable to 320 with 256 MB DIMM
Client PC Requirements:	IBM PC/AT compatible (P3/500 MHz recommended), 100 MB available hard disk space, and 800 x 600 dpi screen resolution
Operating Systems:	Windows 95/98/ME/NT4/2000, Windows XP, Mac OS 8.6 – 9.x, 10.2 [when using AR-PK1N Postscript Kit]
Network Protocols:	TCP/IP, IPX/SPX (Netware), NetBEUI, and Ether Talk/AppleTalk
Interface:	RJ45 Ethernet; 10/100baseT
Utilities:	Web-based management, NIC Manager, integrated software installer, Printer Administration Utility (PAU), Printer Status Monitor, On-line manual
Print Emulation:	PCL6/PCL5e/PS3 (option)
Print Speed:	16 pages per minute one side (letter)
Print Resolution:	600 dpi
Print Features:	2-up/4-up printing, fit to page, auto paper select, booklet print, front cover print, direct print, watermarks, and duplex print ³
Scanning Resolution:	Up to 600 dpi ⁴
Operating Systems for Scanning:	Windows 98/ME, 2000, XP
Scanning Features:	Scan to E-mail, Scan to Desktop, Scan to FTP, Scan to URL, and Scan to Print
Scanning Formats:	TIFF, PDF, JPEG
Scanning Software:	Sharpdesk Lite (Ver. 2.7) document management software, includes OCR and Sharp Composer (3-user license)

Optional Equipment and Supplies

AR-D16:	250-sheet paper tray
AR-PS3100:	External Print Server
AR-NB2N:	PCL6 Network Printing/Network Scanning Expansion Kit
AR-PK1N:	Postscript Level 3 Kit (requires AR-NB2N)
AR-150ABD:	Copier Stand (with door)
AR-150ABS:	Copier Stand (no door)
FO-55ND:	Toner Cartridge
FO-55DR:	OPC Drum (1 piece)

