



## The NEC IT45C6

Experience the Difference with Color



Empowered by Innovation

**NEC**



### *The IT45C6- Move information with confidence*

The NEC IT45C6 prints, copies, scans, and faxes at speeds up to 45 ppm with outstanding color output. Instantly provide full color that's fast, cost effective, networked, and easy to use.

The built in Print/Scan system enables network printing and scanning in full color for everyone in your office. Standard paper sources include two 500 sheet universal cassettes, a 1,500 sheet cassette, a 1,000 sheet cassette and a 150 sheet bypass tray. Optional paper sources provide a maximum of 6,650 sheet capacity. Heavy paper stock can be loaded in all standard paper sourced up to 140 lb index, and full Duplex printing comes standard. Standard memory includes 250GB shared copier Hard Disk Drive (HDD) and 2GB shared copier memory. The large 8.5" color touch screen allows you to check the printer status and preview images, and complies with Section 805 accessibility requirements. Replacing toner has never been easier with no-spill replacement procedures.

Options include faxing, and finishing with the sleek floor finisher with 50 sheet stapling, an available hole punch, saddle kit, and job separator that allows you to sort copies and prints with ease.

Ease of use, security and management are all integrated for your business. Management features include account track and user authentication for monitoring and controlling print, copy and scanning. Standard security includes customized user authentication for printing, scanning and user box, encrypted PDF, and IP filtering.

### *Copy*

The IT45C6 provides a fast 45-cpm color output that will enable you to keep up with the pace of business. Produce High quality brochures, presentations and reports with confidence. A variety of enhanced copy features provide transparent watermarks, two sided copy of drivers license, and business cards. The high paper capacity allows for longer printing and copying without reloading.

### *Print*

Print with confidence with the IT45C6. Network integration allows everyone in your office to connect to the IT45C6 and print high quality color or black and white documents. This versatile printer enables printing in PCL6 and PostScript-3 emulation for PC and Mac operating systems. A wide range of printing possibilities include duplex printing up to 11" x 17" and extended features that included finishing, hole punch, and secure printing. Add the optional Fiercy® Print controller to your IT45C6 for superior color management, color matching and document printing tools for the demanding professional office environment.

## Scan

Scan documents to multiple destinations with ease. The IT45C6 comes standard with some of the most complete scanning features on the market that allows network scanning in color and B & W and utilizes a wide variety of file format such as TIFF, PDF and JPEG. The IT45C6 allows you to import color documents, convert your paper documents to digital files, and send all of your documents via file data. Scanning features include:

- [Scan to Email](#) enables you to send scanned documents as files to e-mail.
- [Scan to FTP](#) enables you to scan documents to an FTP server for user access, and then view/retrieve via proxy server.
- [Scan-to- PC/File](#) enables you to scan directly to a PC on the network to share files in a folder.
- [TWAIN](#) scanning enables you to control the NEC IT45C6 from your PC using TWAIN enabled PC applications.
- [SCAN to Hard Disk](#) allows for Scanning and storing documents directly into the HDD. Give network access to authorized users or grant them access with password and username.
- [Scan to USB](#) allows you to scan documents directly to a standard USB Thumb Drive.



## Fax

The available high-speed fax option for the IT45C6 enables you to combine all faxing from one central location, eliminating the need for multiple fax machines. The units faxing capability includes 2,000 auto dials, PC-Faxing, Duplex TX, Duplex RX, Auto forwarding, Stored fax RX, and Super G3 33.6K bps. A second fax line option is also available.

## Security

The NEC IT45C6 includes user authentication, account tracking and other security enhancements that protect your information. The standard HDD offers secure erase, locking functions, and formatting which all contribute to enhanced security. In addition optional security features allow HDD sanitizing in 8 different modes that meet military and international standards.

## General Specifications

**TYPE:** Full-Color Printer/Copier/Scanner with Stationary Platen

**PRINT/COPY PROCESS; TONER TYPE:** Tandem Process; Simitri® HD Toner

**MONTHLY DUTY CYCLE:** 150,000 pages

**PRINT/COPY SPEED:** Full Color & B&W: 45 ppm (letter, portrait)

**PRINT/COPY RESOLUTION:** 1800 dpi equivalent x 600 dpi

**SCAN SPEED/RESOLUTION:** Full Color: 78 opm (@300 dpi, letter), 55 opm (@600 dpi, letter), B&W: 78 opm (@300 dpi, letter), 65 opm (@600 dpi, letter) / 200 dpi, 300 dpi, 400 dpi, 600 dpi

**SCAN FILE FORMATS:** TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS

**MEMORY/HARD DISK DRIVE:** 2 GB (shared print, copy, scan and fax memory)/250 GB HDD (shared print, copy, scan and fax)

**GRADATION:** 256 color shades per pixel

**ORIGINAL SIZE:** Up to 11" x 17" (scanning/copying), Up to 11" x 17" full bleed on 12" x 18" paper (printing)

**COPY SIZE:** Tray 1 (universal cassette): 5.5" x 8.5" to 12" x 18", Tray 2 (universal cassette): 5.5" x 8.5" to 12" x 18", Tray 3 (fixed cassette): 8.5" x 11", 5.5" x 8.5", 4" x 6", Tray 4 (fixed cassette): 8.5" x 11", 5.5" x 8.5", 4" x 6", Bypass Tray: 4" x 6" to 12" x 18", 8" x 13"

**WARM UP TIME (FULL COLOR/B&W):** Less than 30 seconds (from Sub SW), Less than 45 seconds (from Main SW)

**FIRST COPY TIME:** Less than 6 seconds/Less than 4.8 seconds

**COPY QUANTITY:** 1-9,999

**MAGNIFICATION:** Zoom range: 25% - 400%, 0.1% increments, Preset reduction: 79%, 73%, 65%, 50%, Preset enlargement: 121%, 129%, 155%, 200%

**COLOR MODES:** Auto Color, Full Color, Black & White, 2-Color, Single Color

**COPY EXPOSURE MODES:** Text (legible text), Text/Photo (clear text and halftones), Photo (optimized for gradations), Map (fine edges and legible text), Dot Matrix (dot matrix or pencil originals), Copied Paper

**FAXING (OPTIONAL):** Super G3 compatibility, MH, MR, MMR, JBIG data compression, 33.6 Kbps modem speed, F-Code support

**FAX TRANSMISSION SPEED:** Less than 3 seconds/page (V.34, JBIG, Standard Resolution)

**FAX EXPOSURE MODES:** Text, Text/Photo, Photo, Dot Matrix

**STANDARD PAPER CAPACITY:** 500-sheet universal cassette (17 lb. bond to 140 lb. index), 500-sheet universal cassette (17 lb. bond to 140 lb. index), 1,500-sheet cassette (17 lb. bond to 140 lb. index), 1,000-sheet cassette (17 lb. bond to 140 lb. index), 150-sheet bypass (17 lb. bond to 100 lb. cover or up to 300 gsm)

**MAXIMUM PAPER CAPACITY:** 6,650 sheets (total, with options)

**DOCUMENT FEEDER (OPTIONAL):** Reversing Automatic Document Feeder, Speed: Full Color: 78 opm, B&W: 78 opm, Paper Capacity: 100 sheets, Paper Size: 5.5" x 8.5" to 11" x 17", Paper Weight: Single-sided: 9.25 lb. bond to 55.75 lb. bond, Double-sided or mixed: 13.25 lb. bond to 34 lb. bond

**POWER REQUIREMENTS/CONSUMPTION:** 120V, 60Hz/Less than 2,000W

**DIMENSIONS (W x D x H)/WEIGHT:** 25.5" x 36" (30.5" without control panel) x 42.25" (includes RADF/487.81 lb.

**OPTIONS:** AU-102 Biometric Authentication Unit, AU-201H HID Card Authentication Unit, C652 Series/C360 Series Fax Kit, EK-604 USB Interface for External Keyboard, EK-605 USB Interface for External Keyboard and Bluetooth Support, External Keyboard, FK-502 Fax Board, FS-527 Floor Finisher, IC-412 Image Controller (EFI Fiery Controller), JS-504 Job Separator Tray, JS-603 Job Separator Tray (3rd Output Tray), KH-101 Keyboard Holder, LK-101 v2 i-Option, LK-102 i-Option, LK-105 i-Option, LU-204 Large Capacity Unit, LU-301 Large Capacity Unit, MK-720 Fax Connection Kit, OT-503 Output Tray (Exit Tray), PK-517 Punch Kit, SC-507 Copy Guard Kit, SD-509 Saddle Stitcher Kit, Spare TX Marker Stamp 2, SP-501 Fax Stamp Unit, UK-203 i-Option Memory Upgrade Kit, WT-506 Working Table, VI-505 Video Interface Kit for IC-412

**AVAILABLE PRINT/COPY FUNCTIONS:** Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Trapping, Auto Tray Switching, Bi-Directional Communication, Black Over Print, Card Shot, Color Modes & Functions (Auto Color/Full Color, Black & White Mode, Single Color Mode, 2-Color Mode), Color Adjustments, Copy Guard, Copy Modes (Simplex/Duplex, 2-in-1, 4-in-1, 8-in-1, Book, Booklet, Booklet + Bind), Cover Mode, Creative Functions (Mirror Image, XY Zoom, Image Center, Base Color, Neg./Pos. Reverse, Image Repeat), Encrypted Network Password Printing, Energy Save Mode, Enlarge Display, Erase (Border, Frame, Edge) Mode, Finishing (Group, Sort, Staple, Punch, Half-Fold, Center Staple and Fold), Form Overlay, Glossy Mode, HDD Encryption, HDD Job, Overwrite, HDD Sanitizing, Image Adjustments (Color Matching, Pure Black Auto ON/OFF, Color Balance, Screen

Settings, Image Smoothing ON/OFF), Image Preview (Job Finishing Image Display, Engine Configuration Display), Interrupt, Job List, Job Reserve, Job Skip, LDAP, Mixplex, Mix-Media, MyTab, Non-image Area Erase, OHP Interleaving, Password Copy, Program/Recall Jobs, Paper Type Selection (Normal, Thick 1/1+, Thick 2, Thick 3, Thick 4), Print Modes (Simplex/Duplex, 2-in-1, 4-in-1, 6-in-1, 9-in-1, 16-in-1, Booklet, Booklet + Bind), Print from USB, Proof Copy, Secure Printing, Separate Scan, Text Enhancement, User Authentication (Up to 20 Authentication Servers) (Synchronize w/ Account Track), User Box Function, Utility (Meter Count, Environment Setting, Default Setting, One-Touch Setting, Check Consumables Life), Watermark, Zoom Selection

**AVAILABLE SCAN FUNCTIONS:** Scan-to-Email, Scan-to-FTP, Scan-to-HDD (Scan-to-User Box), Scan-to-Me/Scan-to-Home, Scan-to-SharePoint, Scan-to-SMB (Scan-to-Desktop), Scan-to-USB, Scan-to-WebDAV, Network TWAIN, WS-Scan, Color Internet Fax

**AVAILABLE FAX FUNCTIONS:** Autodialing (2,000 one-touches), Auto Memory Reception, Auto Reduction Printing, Broadcasting (maximum 605 locations), Bulletin Board, Duplex Transmission/Reception, Exposure Mode, Group Dialing (up to 500 one-touches per group), Image Rotation Transmission/Reception, Mailbox Transmission/Reception, Memory/Quick Dial, Overseas Transmission, Password Transmission/Reception, PC-Fax, Polling Transmission/Reception, Priority Transmission, Print Setting or Overnight Reception, Program Dialing (400 programs), Redial, Relay Broadcasting, Relay Transmission, Remote Reception, Timer transmission, TSI Routing

**APPLICATIONS:** Network & Device Management: PageScope Data Administrator, Driver Packaging Utility, HDD Back-Up Utility, Download Manager (ICC Color Profile Utility), Log Management Utility,

User Tools: PageScope Web Connection, PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier, Font Management Utility, Copy Protect Utility, Print Utility for Unix

**MANAGEMENT TOOLS:** vCare support

**OPTIONAL SOFTWARE:** PageScope Workware, PageScope Enterprise Suite: PageScope Account Manager, PageScope Authentication Manager, PageScope My Panel Manager, PageScope Net Care Device Manager (standard)

**PROCESSOR:** 1 GHz (MC 7448)

**MEMORY/HDD:** 2 GB (shared copier memory)/250 GB (shared copier HDD)

**PAGE DESCRIPTION LANGUAGE:** PCL5e/c, PCL6 (XL v.3.0) Emulation, PS3 (v.3016) Emulation, XPS v.2.1.4.0 (XML Paper Specification)

**FONTS:** PCL: 80 fonts, PostScript 3 Emulation: 137 fonts

**PRINT DRIVERS:** PCL6: Windows 2000 Professional, Windows NT 4.0, Windows Server 2003 (x32, x64), Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows Server 2008 (x32, x64), PS3: Windows 2000 Professional, Windows Server 2003 (x32, x64), Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows Server 2008 (x32, x64), Universal PS3 and PCL: Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008 (x32, x64), XPS: Windows Vista (x32, x64), Windows Server 2008 (x32, x64), Mac: Mac OS 9.2 (PPD file), Mac OS X 10.2, 10.3, 10.4, Intel-based 10.4 (print driver), Intel-based 10.5

**INTERFACE:** 10 Base-T/100 Base-TX/1000 Base-T, USB 1.1, USB 2.0, USB Host

**PROTOCOLS:** TCP/IP (IPv4/IPv6), BOOTP, ARP, ICMP, DHCP, DHCPv6, AutoIP, SLP, SNMP, FTP, LPR/LPD, RAW Socket, SMB, IPP, HTTP, POP, SMTP, LDAP, NTP, SSL, IPX/SPX, AppleTalk, Bonjour, NetBEUI, WebDAV, DPWS, S/MIME, IPsec, DNS, Dynamic DNS, LLNMR, LLTD  
Fiery IC-412 Embedded Image Controller (Option)

Processor; Memory/Hard drive: Intel Celeron 1.86 GHz FSB 533 MHz; 512 MB (standard/max)/80 GB HDD

**PAGE DESCRIPTION LANGUAGE; FONTS:** PCL6, Adobe PostScript 3 (version 3017), PCL: 80 fonts, Adobe PS3: 136 fonts

**PRINT DRIVERS:** PCL6, PS3: Windows 2000, Windows XP (x32, x64), Windows Server 2003 (x32, x64), Windows Vista (x32, x64), Windows Server 2008 (x32, x64)(Utilities only) Mac: OS X 10.3.9, 10.4, Intel-based 10.4 (PPD), 10.5 or later Native Mode, Unix/Linux

**INTERFACE:** 10 Base-T/100 Base-TX/1000 Base-T, RJ45

**PROTOCOLS:** TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, NDPS Gateway on Network 5.0 or later, IPP, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6

**STANDARD SOFTWARE:** EFI Command Workstation, ColorWise ProTools, EFI Spot-On, EFI WebTools, Fiery Remote Scan, Fiery VUE

**OPTIONAL SOFTWARE:** EFI Hot Folders/Virtual Printers, Auto Trapping, Color Profiler Suite, EFI Impose, Secure Erase, ES-1000 Spectrophotometer

### Immediate Nationwide Help

With the purchase of your NEC IT45C6 equipment, you gain access to NEC's National Support Center, where help is always at your fingertips. NEC will happily answer your questions and help you solve any problems.

\*Some functions may require options, which may or may not be available at time of launch.

For more information, visit [www.necunified.com](http://www.necunified.com)

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