



NEC IT45C4

Color Your Business More Successful

KEY FEATURES

- 45-ppm Color/ B&W Digital MFP
- Standard PCI/PS Network and Duplex Printing
- Standard 100 page Automatic Duplex Document Feeder
- Standard 3,650 Sheets with available 6,650 Capacity
- Extensive Document Finishing including Modular Finisher
- 11" x 17" originals on to 12" x 18" full-bleed
- Standard Scanning: TWAIN, E-mail, HDD, FTP, SMB
- Web-based Management



The NEC IT45C4 – Document Solutions

It's fast, easy and cost effective to add eye-catching color to your business with the NEC IT45C4. See the difference color makes to your customers—and to your sales.

In addition, the IT45C4 is versatile and flexible enough to meet all your operational needs. Besides being an all-in-one printer, copier, scanner and fax, the IT45C4 delivers full color at the rate of 45 color pages per minute. What's more, when you integrate the IT45C4 into your network, you can manage it from a central location which can save on IT headcount while it saves management headaches. And the IT45C4's advanced network integration makes it equally suitable for enterprises, corporate workgroups, satellite offices and small businesses.

Now take a closer look at each of the IT45C4's main functions:

Copy in Color with Confidence

The NEC IT45C4's 45 color-copies-per-minute output along with its fast first-copy time enable you to keep up with the pace of business. And thanks to a full complement of finishing options, you can depend on the IT45C4 to produce distinctive, high-quality brochures, presentations, reports and resource documents that make you look good. What's more, the IT45C4 provides enhanced edge detail and sharper overall text with 45 copies-per-minute black and white speed giving you a superior toner-saving monochrome alternative to single function printers.

The NEC IT45C4 provides copying, faxing, printing and scanning with network integration for your business.

THE NEC IT45C4 AT A GLANCE:

- Networked Printing/Copying/Scanning/Faxing
- Modes of operation:
 - Full color, auto color, two-color, B&W and single color.
- Standard paper sources:
 - 1,500 and 1,000-sheet universal cassette, two 500-sheet multi-purpose cassettes and 150-sheet bypass tray.
- Optional additional paper sources:
 - 6,650-sheet capacity maximum
- Heavy paper stock up to 140 lb. index
 - Automatically duplex
 - Prints on envelopes and coated stock
- Power memory includes:
 - 60-GB Hard Disk Drive (HDD) and 1,024-MB RAM
- Powerful finishing options:
 - Staple finishing: Up to 50 sheets, single corner and dual staple
 - Shift sorting (up to 1,000 sheets)
 - Two- or three-hole punch
 - Saddle-stitched booklet (up to 60 pages)
 - Mailbin
- Integrated management and security
- Ease-of-use-features:
 - Operation panel-full-color touch screen
 - 3-way tilting control panel
 - Simple, touch-screen command interface
- Toner conservation:
 - CMYK toner cartridges and no spill replacement
- Cost management
 - Account tracking
 - Monitor and control of copy, print and scan output
- Security
 - Server authentication
 - Lightweight Directory Access Protocol (LDAP)-compliant
 - Random erase for hard drive (HDD)
 - Networked web access and control



Base Unit



CMYK Toner Cartridges

Print from Anywhere on the Network

Thanks to network integration, everyone in your office can connect to the NEC IT45C4 and print in color or B&W. This extremely versatile printer comes standard with PCL6 networked printing and PostScript-3 emulation for PC and Mac operating systems. Its range of printing possibilities includes duplex output up to 11" X 17". Extended features include finishing, secure printing, printing amendments, overlays, and HP-driver compatibility.

The optional Fiery®* print controller provides your NEC IT45C4 with sophisticated color management, color matching and graphics-control capabilities that satisfy the needs of the most demanding professional environments.

Enjoy Full-featured Scanning

The NEC IT45C4 comes with one of the most complete scanning capabilities of any unit on the market. It comes complete with standard network scanning in color and B&W and allows for a wide variety of file formats: TIFF, PDF, Compact PDF or JPEG. Now you can import color documents, convert your paper document base to digital files, and communicate all your information via file data. Scanning options include:

Scan-to-Hard Disk (HDD) enables scanning of documents into the standard HDD. You can then store documents in the IT45C4 HDD, either giving everyone on the network access to them or granting access to only authorized individuals by password and username.

Scan-to-e-mail lets you send documents via e-mail. The IT45C4 unit is Light Directory Access Protocol-compliant, giving you quick and easy access to email addressed in your LDAP mail server.

Scan-to-File Transfer Protocol (FTP) enables you to scan documents to an FTP server for access by other users who can then view and/or retrieve documents using proxy servers.

Scan-to-PC (SMB) uses the desktop scanning typically found in Windows® environments; it enables you to scan directly to a PC on the network to share files in a folder.

TWAIN Scanning capability uses the TWAIN-scan driver every NEC IT45C4 comes equipped with. Once loaded, you can control the NEC IT45C4 from your PC using TWAIN-enabled PC applications.

Centralize Your Faxing

The NEC IT45C4 includes a high-speed fax option that enables you to combine all document faxing in one central location, thereby eliminating the need for multiple fax machines. The unit's feature-rich faxing capability includes: 2,000 auto dials, Super G3 33.6K bps, PC Faxing, Duplex TX, Duplex RX, 11"x 17" Faxing, F-code Support, Auto forwarding and Stored Fax RX.

And when you add a second dual port to the fax option with a multi-line option, you will double your fax communication capability.

Secure Your Information

The NEC IT45C4 includes user authentication, account tracking and other security enhancements that protect your information. The NEC IT45C4's standard HDD offers random erase, locking function and format function which all contribute to enhanced security. In addition, HDD encryption is also available.

Integrate Your IT45C4 with the Network

The NEC IT45C4 enables fast and simple integration. You will have at your fingertips a total suite of solutions that provide you with the device management, document control, networking integration and administrative productivity tools you need. Standard network connectivity provides integration through your network providing printing and scanning integration with full-color capabilities.



General Specifications

TYPE:

Full-Color Copier/Printer/Scanner

PRINT/COPY PROCESS: Tandem Process

TONER TYPE:

Color Polymerized Toner

MONTHLY DUTY CYCLE: 150,000 pages

PRINT/COPY SPEED:

Full Color: 45 ppm (letter, portrait)

B&W: 45 ppm (letter, portrait)

SCAN SPEED: Up to 70 opm

PRINT/COPY RESOLUTION: 600 x 600 dpi

(print equivalent resolution: 600 x 1800 dpi)

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:

1st and 2nd Tray:

4" x 6" to 12" x 18"

3rd and 4th Tray:

5-1/2" x 8-1/2" to 11" x 17"

Multiple Bypass:

4" x 6" to 12" x 18"

PAPER SUPPLY:

1st Tray 500-sheet

(17 lb. bond to 140 lb. index (255gsm))

2nd Tray 500-sheet

(17 lb. bond to 140 lb. index)

3rd Tray 1,500-sheet letter-size

(17 lb. bond to 140 lb. index)

4th Tray 1,000-sheet letter-size

(17 lb. bond to 140 lb. index)

Bypass 150-sheet bypass

(16 lb. bond to 100 lb. cover (300gsm))

MAXIMUM PAPER CAPACITY:

6,650 sheets (total with options)

WARM-UP TIME: Less than 30 seconds

FIRST COPY:

Full color: Less than 6.5 seconds (letter)

B&W: Less than 4.8 seconds (letter)

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 Mode, Full Color Mode,

Black & White Mode, 2-Color Mode,

Single Color Mode

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 originals)

Copied Paper

DOCUMENT FEEDER (standard):

DF-611 Automatic Document Feeder

Paper Capacity: 100 sheets

Paper Size: 5-1/2" x 8-1/2" to 11" x 17"

Paper Weight: Single-sided:

9.25 lb. bond to 110 lb. index

Double-sided: 13 lb. bond to 34 lb. bond

FAX (option):

Super G3 compatibility

JBIG compression code

33.6 Kbps modem speed

F-Code support

FAX TRANSMISSION SPEED:

Approximately 2 seconds/page

FAX EXPOSURE MODES:

Text, Text/Photo, Photo, Dot Matrix

POWER REQUIREMENTS: 120 V, 60 Hz, 20 Amps

POWER CONSUMPTION: Less than 1.92 Kw

DIMENSIONS (W x D x H):

25.5" x 36" x 45.25"

(standard configuration)

WEIGHT: 418.5 lbs.

OPTIONS:

OT-503 Output Tray (required if no finisher installed)

LU-301 Large Capacity Unit (3,000 Sheets)

AU-101 Biometric Authentication Unit

EK-602 USB Host Board (for AU-101)

WT-502 Working Table

FS-519 Built-in Staple Finisher

MT-502 Mail Bin Kit (for FS-519)

OT-602 Additional Output Tray (for FS-519)

PK-510 Punch Kit (For FS-519)

SD-505 Saddle Unit (for FS-519)

FK-502 Fax Option

ML-501 Fax Multi-Line Kit (dual fax lines)

TX Stamp Marker Unit

SA-501 Scan Accelerator Kit

SC-503 HDD Encryption Kit

Key Counter Kit

IC-409 Fiery X3eTY Image Controller*

VI-504 Video Interface Kit* (for IC-409)

Available Print/Copy Functions*

Account Track (1,000 accounts)

APS/AMS

Auto Duplex

Auto Reset

Auto Tray Switching

Banner Printing

Bi-Directional Communication (Device Option Setting)

Booklet to Booklet Print

Box Function (Store Copy Jobs,

Print Jobs, Scans, Fax Data,

Print Stored Data, Route Scanned Data)

Color Modes & Functions

(Auto Color/Full Color,

Black & White Mode,

Single Color Mode,

2-Color Mode)

Color Adjustments (Brightness,

Contrast, Saturation, Sharpness,

Red, Green, Blue, Portrait,

Hue Density, Color Balance,

Copy Density, Sample Copy)

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 Centering, Base

Color, Negative/Positive Reverse,

Image Repeat)

Criss-cross Sorting

Distribution No. Printing

Energy Save Mode

Enlarge Display

Erase (Border, Frame, Edge) Mode

Finishing (Group, Sort, Staple, Punch,

Half-Fold, Center Staple and Fold, Tri-Fold)

Form Overlay

Glossy Mode

HDD Random Erase

Image Adjustments (Color Matching,

Pure Black Auto ON/OFF,

Color Balance, Screen Setting,

Image Smoothing ON/OFF)

Image Insert

Image Density Adjustment

(Density, Background Removal)

Image Preview (Job Finishing Image Display,

Engine Configuration Display)

Interrupt

Job Erase

Job List

Job Reserve

LDAP

OHP Interleaving

Mixplex, Mix-Media

Program/Recall Jobs

Paper Size Selection (APS, Manual)

Paper Type Selection (Normal, Thick 1,

Thick 2, Thick 3, Thick 4)

Poster Mode

Proof Print

Secure Printing

Separate Scan

Sheet Insertion

Sleep Mode

Text Enhancement

Total Count Email Distribution

User Authentication (Synchronize with

Account Track)

Utility (Meter Count, Environment Setting,

Default Setting, OneTouch Setting,

Check Consumable Life, Admin. Mode)

Watermarks

Zoom Selection

(AMS, Fixed Zoom Ratio, User

Programmable Zoom Ratio, Manual)

Available Scan Functions*

Scan-to-Email

Scan-to-FTP

Scan-to-SMB (Scan-to-Desktop)

Scan-to-HDD (Scan-to-User Box)

TWAIN Scanning

Available Fax Functions*

Autodialing (2,000 one-touch keys)

Auto Memory Reception

Auto Reduction Printing

Border Erase Transmission

Broadcasting (maximum 600 locations)

Bulletin Board

Density Adjustment

Dual Line Option (Multi-Line)

Duplex Transmission/Reception

Exposure Mode (Text, Text/Photo,

Photo, Dot Matrix)

Group Dialing

(up to 500 one-touches per group)

Image Rotation Transmission/Reception

Mailbox (Private) Transmission/Reception

Memory/Quick Dial

Mix Originals Transmission

Original Size Designation

Overseas Transmission

Password Transmission/Reception

PC Fax

Polling Transmission/Reception

Priority Transmission

Print Setting for Overnight Reception

Program Dialing (400 programs)

Redial

Relay Broadcasting

Relay Transmission

Remote Reception

Route Incoming Faxes

Secure Printing

Timer Transmission

Print System

PROCESSOR:

867 MHz

RAM:

1024 MB (shared scan and copier memory)

HARD DISK DRIVE:

60 GB (shared scan and copier HDD)

PAGE DESCRIPTION LANGUAGE:

PCL (XL version 3.0) Emulation

PS3 (Version 3015) Emulation

TONERS:

PCL Resident Fonts: 80 outline

PS3 Emulation Resident Fonts: 137 outline

PRINT DRIVERS:

PCL 6:

Windows 2000/XP/2003,

NT 4.0/XPx64/2003x64/Vista

PS3:

Windows 2000/XP/2003/XPx64/2003x64

/Vista (Print Driver)

Mac OS 9.2 or later, Mac OS X 10.2,

Mac OS X 10.3 and Mac OS X 10.4 (PPD files)

Linux (PDD)

TWAIN Driver:

Windows 2000/XP/XPx64,

INTERFACE:

Ethernet 10/100/1000 BaseT

USB 2.0

PROTOCOLS:

TCP/IP, IPP, SPX, AppleTalk (EtherTalk)

LPR, SMB, LPD, Netware (4.x, 5, 6)

Pserver, N Printer, NDPS, IPP, SMTP

POP3, LDAP, SSL, SNMP, HTTP 3.0

APPLICATIONS:

Network & Device Management

PageScope Box Operator

PageScope WorkWare*

PageScope EMS Plug-Ins

PageScope NDPS Gateway

PageScope Net Care

PageScope Network Setup

PageScope Web Connection

(embedded)

PageScope Data Administrator

PageScope Job Spooler

Fiery® X3eTY IC-409 Embedded Image Controller

(option)*

PROCESSOR: Intel® Celeron® 2.8 GHz

OPERATING SYSTEM: Linux

HARD DISK DRIVE: 80 GB

MEMORY: 512 MB (Std./Max.)

PAGE DESCRIPTION LANGUAGE:

PCL 6, Adobe PostScript 3 (3017)

TONERS: PostScript Fonts: 136,

PCL Fonts: 45

PRINT DRIVERS:

PS: Windows 2000, XP, Windows Server 2003,

Windows Vista, Mac OS X 10.3, 10.4 and later

PCL: Windows 2000/XP, Windows Server 2003,

Windows Vista

1Vista compatibility to be available late Fall 2007.

INTERFACE: 10Base-T/100Base-T/1000BaseT, RJ45

PROTOCOLS:

TCP/IP, LPR, SMB, IPP, SPX,

AppleTalk (EtherTalk), Netware 4.x or later,

NDPS, HTTP, HTTPS, SNMP, IPP, SMTP, LDP

UTILITIES:

ColorWise® Pro Tools 3.7

Command Workstation™ 4.5 (for Windows)

Command Workstation™ 1.3

(for Mac OS 10.2.4 and later)

Fiery Remote Scan 5.4 (Twain Plug-in)

Fiery® WebTools™ 3.0

OPTIONS:

EFI Impose (v. 2.6)

EFI Densitometer (ED-100)

Graphic Arts Options:

Hot Folders

Auto Trapping

EFI Color Profiler Kit (ES-1000)

(Spectrophotometer with monitor

profiling software)

Immediate Nationwide Help

With the purchase of your NEC IT45C4 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. Just call 1-800-232-9632.