



The NEC IT45Ci

Instantly Color Your Business



NEC

The NEC IT45Ci All-in-one Document Solution

The NEC IT45C1 provides: Printing/ Copying/Scanning/ Faxing with network integration and instant color for your business.

Instantly provide full color for your business that's fast, cost effective, centrally managed, networked, and easy to use.



Base Unit + Duplex Document Feeder

The NEC IT45C1 instantly colors your business whether for your corporate work-group, satellite office, small business, or small office, the NEC IT45C1 provides the power for your business needs. With 45-cpm black and white (B&W) and full color 35-cpm digital single-pass technology, the NEC IT45C1 fully colorizes your business' copying, printing, and scanning within a single unit.

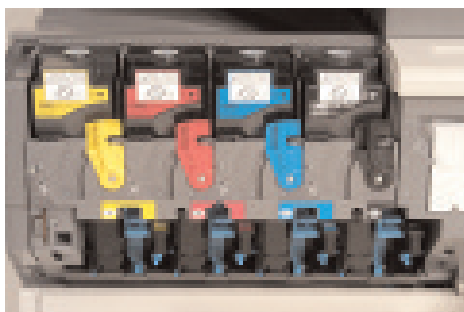
The NEC IT45C1 comes standard with copy, network printing and scanning all in full color and B&W. Standard paper sources include a 500 sheet universal cassette, a 250-sheet multi-purpose cassettes and a 150-sheet bypass tray. Optional additional paper sources provide a maximum of 3,400-sheet capacity. Heavy paper stock can be loaded in all standard paper sources – up to 140 lb. index. Envelope, coated-stock print, and full bleed 12" x 18" are standard. Full-duplex printing comes standard. Power Memory includes standard 40-GB Hard Disk Drive (HDD) and 512 MB RAM.

Available faxing and powerful finishing options include a 60-page booklet finisher. Staple finisher offers 50-sheet staple capabilities, 2/3 hole-punch standard, with shift sorting and 3,000-sheet capacity.

Ease of use, management, and security are all integrated for your business needs. The NEC IT45C1 ease of use includes accessibility design including 3-way tilting control panel, large function keys, simple touch-screen command interface for intuitive operation. The CMYK toner cartridges offer no-spill replacement procedures and easy-to-replace imaging units. Management includes account tracking and user authentication to monitor and control copy, print and scan. Security is addressed with several functions; networking security includes server authentication, LDAP, random erase for HDD and a full compliment of networked web access and control.

COPY

The NEC IT45C1 provides 35-cpm color speed for producing high-quality documents that make all your communications more effective. Enhanced edge detail and sharper text at 45-cpm B&W speed provides a true monochrome segment four replacement for your current printer/copier – with fast first-copy output of less than 5.5 seconds and high-output print productivity. A full complement of finishing options offers your organization complete document copying solutions.



PRINT

The NEC IT45C1 comes standard with networked printing, PCL6 and PostScript-3 emulation for PC and Mac OS. Now your entire office can network and print Color or B&W, with duplex output up to 11" x 17". Extended features include finishing, secure printing, printing amendments, overlays, and HP driver compatibility. **Optional Fiery®** print controller gives your NEC IT45C1 sophisticated color management, color matching, and graphics control capabilities for demanding professional environments.

SCAN

The NEC IT45C1 comes with standard network scanning. You can scan Color or B&W in TIFF, PDF, Compact PDF or JPEG file formats. Now import color documents into your network, convert your paper document base to files, and use the scanning functions to communicate your information.

Scan-to-HDD: Scan documents into the standard HDD. Using the Copy, Scan, Print or Fax functions, you can store documents in the IT45C1 HDD; documents can be made accessible to everyone or secured for limited access to only authorized users.

Scan-to-Email: Communicate your documents to anyone's email. The unit also provides LDAP (Lightweight Directory Access Protocol) for quick and easy access to email addresses in your LDAP mail server.

Scan-to-FTP: Scan your documents to an FTP server for access by users to view and or retrieve the document, using proxy servers.

Scan-to-SMB: This desktop scan, typically found in Windows® environments, offers you the ability to scan directly to a Host PC on the network to share files in a folder.

TWAIN Scanning: Standard Twain scanning application. Once loaded, use the NEC IT45C1 as a scanner controlled right from your desktop. Acquiring images is easy using your IT45C1 to scan to your PC.



FAX

High-speed fax option is available to bring together all your document input and output in one central location and eliminate extra equipment. Faxing features include; 2,000 auto dials, Super G3 33.6K bps with JBIG coding, PC faxing, duplex TX, duplex RX, 11" x 17" TX/RX, F-code support, auto forwarding and auto stored fax reception, to name a few.

SECURITY

User Authentication, Account Track and security enhancements protect your information. Standard HDD offers random erase, locking function and format function.

NETWORK INTEGRATION

The NEC IT45C1 offers a total suite of solutions for device management, document control, networking integration and administrative productivity. Standard network connectivity provides integration with your network and provides to your clients PCs printing and scanning integration with full-color capabilities.

Specifications

TYPE:

Full-Color Printer/Copier/Scanner
PRINT/COPY PROCESS: Tandem Process

TONER TYPE:

Color Polymerized Toner
MONTHLY DUTY CYCLE: 125,000 pages
PRINT/COPY SPEED:

Full Color: 35 ppm (letter, portrait)
 B&W: 45 ppm (letter, portrait)

SCAN SPEED: Up to 38 opm

PRINT/COPY RESOLUTION: 600 x 600 dpi
 (enhanced 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:

Multi-Purpose Cassette:
 4" x 6" to 12" x 18"

Universal Cassette:
 5-1/2" x 8-1/2" to 11" x 17"

Multiple Bypass:
 4" x 6" to 12" x 18"

WARM-UP TIME: Less than 99 seconds

FIRST COPY:

Full color: Less than 8.5 seconds (letter)
 B&W: Less than 5.5 seconds (letter)

COPY QUANTITY: 1 - 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

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 :

Text, Text/Photo, Photo, Dot Matrix
 Copied Paper

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Text, Text/Photo, Photo, Dot Matrix
 Copied Paper

PAPER SUPPLY:

250-sheet multi-purpose cassette

(16 lb. bond to 140 lb. index)

500-sheet universal cassette

(16 lb. to 140 lb. index)

150-sheet bypass

(16 lb. bond to 140 lb. index)

MAXIMUM PAPER CAPACITY:

3,400 sheets (total with options)

DOCUMENT FEEDER:

DF-601 (optional) Automatic Document
 Feeder

Paper Capacity: 100 sheets

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

Paper Weight: Single-sided:

10 lb. bond to 110 lb. index

Double-sided: 13 lb. bond to 28 lb. bond

POWER REQUIREMENTS: 120 V, 60 Hz

POWER CONSUMPTION: Less than 1.5 Kw

DIMENSIONS (W x D x H):

27-3/4" x 30" x 35-3/4"

(standard configuration)

WEIGHT: 275-1/2 lbs.

OPTIONS:

DF-601 Automatic Document Feeder

PC-102 Paper Feed Cabinet (500 sheets)

PC-202 Paper Feed Cabinet (500 sheets x 2)

PC-402 Large Capacity Tray (2500 sheets)

DK-501 Copy Desk

OC-501 Original Cover

FS-603 Booklet Finisher

PK-501 Punch Kit (for FS-603)

FS-507 Staple Finisher

JS-601 Option Tray (for FS-507)

Fax Kit (includes FK-502, MK-703, MK-704)

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

VK-501 Copy Vendor Kit

Key Counter Kit

MC-501 Mechanical Counter

EK-702 Parallel/USB 2.0 I/F Kit

MK-703 Enhanced Option Connection (for EK-
 702)

SC-503 HDD Encryption Kit

IC-402 Image Controller

VI-502 Video Interface Kit (for IC-402)

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-one, 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,
 Booklet Center-Fold and Staple)

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
 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, OHP)
 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)

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 Image Insert
 Image Density Adjustment
 (Density, Background Removal)
 Image Preview
 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, OHP)
 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 Fax 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
 Telephone/Fax Auto Transfer
 Timer Transmission

Print System

PROCESSOR:

600 MHz

RAM:

512 MB (shared scan and copier memory)

HARD DISK DRIVE:

40 GB (shared scan and copier HDD)

PAGE DESCRIPTION LANGUAGE:

PCL 5e/5c Emulation

PCL 6 (XL version 2.1) Emulation

PS3 Emulation

TONER:

PCL Resident Fonts: 80 outline + 1 bitmap

PS3 Emulation Resident Fonts: 136 outline

PRINT DRIVERS:

PCL 6:

Windows 98 SE/ME, 2000/XP/2003,
 NT 4.0

PS3:

Windows 98 SE/ME (PPD files)

2000/XP/2003 (Print Driver)

NT 4.0 (Print Driver)

Mac OS 9.2 or later, Mac OS X 10.2
 and Mac OS X 10.3 (PPD files)

TWAIN Driver:

Windows 98 SE/ME, 2000/XP,
 NT 4.0 SP6

INTERFACE:

Ethernet 10/100 BaseT

Parallel IEEE 1284 (optional)

USB 1.1, 2.0 (optional)

PROTOCOLS:

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

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

Pserver, N Printer, NDPS, IPP, SMTP

POP3, LDAP, SSL, SNMP, HTTP 3.0

PAGESCOPE™ 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® IC-402 Embedded Image Controller (option)*

PROCESSOR: Intel® Celeron® 2.0 GHz

OPERATING SYSTEM: Linux

HARD DISK DRIVE: 40 GB

MEMORY: 256 MB (standard);
 512 MB (maximum)

PAGE DESCRIPTION LANGUAGE:

PCL 6, Adobe PostScript 3 (3016)

TONER: PostScript Fonts: 136,
PCL Fonts: 45

PRINT DRIVERS:

Windows 98 SE/ME, 2000, XP, NT 4.0

Mac OS 8.6, 9.x

Mac OS X 10.1 and 10.2 (Classic mode)

Mac OS X 10.2.4 and later (Native mode)

INTERFACE: 10/100 BaseT, RJ45, USB 2.0

PROTOCOLS:

TCP/IP (Static IP, Auto IP, DHCP/BOOTP),
 LPR, SMB, IPX/SPX (NDS), AppleTalk
 (EtherTalk), HTTP, SNMP, IPP,
 Port 9100, SMTP, POP3, LDAP,
 SSL/TLS

UTILITIES:

ColorWise® Pro Tools 3.0

Command Workstation™ 4.2 (for Windows)

Command Workstation™ LE
 (for Mac OS 10.2.4 and later)

Fiery® Downloader™

Fiery® Spooler™

Fiery® WebTools™

Standard Spot-On Color Matching

OPTIONS:

256 MB Memory (upgrade, IC-402)

EFI Impose (v. 2.1)

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 IT45C1 equipment, you gain access to NEC's National Support Center, where help is always at your fingertips. NEC employees will happily answer your questions and help you solve any problems. Just call 1-800-232-9632.