



## The NEC IT2840D

Easy to Use, Productive, Networked

Empowered by Innovation

**NEC**

## The NEC IT2840D – Great New Look

The NEC IT2840D is a fully featured digital copier, fax, network printer and network scanner. The standard NEC Network Application allows scanning, network faxing, internet faxing, IP communication and e-mail center. Whether for your corporate work group, satellite office, small business, or small office, the NEC IT2840D provides sophisticated functionality and ease of use.

The NEC IT2840D's standard paper sources include two 550-sheet universal cassettes plus a 150-sheet multipurpose bypass tray. Optional paper sources provide a maximum 4,000-sheet capacity. The duplex document feeder provides fast-scan with 80-page capacity. The integrated fax design is efficient and easy to use.

NEC's Network Applications fully integrates document communications within your network. Scanning, IP transport, e-mail integration and more provides document-to-IP migration. LDAP for e-mail is available.

The NEC IT2840D supports high-volume B/W printing and low-cost operation with complete process management and finishing features. The space-saving built-in finisher offers 50-sheet stapling, one- and two-positioning staple, 2- or 3-hole punch, shift sorting up to 1,200 sheets, 60-page booklet saddle stitching, and print mail bins.

The NEC IT2840D includes an accessible 3-way tilting control panel with large function keys and intuitive –touch screen command interface. Account management, with up to 1000 user accounts, comes standard. And authentication management integrates into your network.

### The NEC IT2840D at a Glance:

- 28-ppm B&W Digital Copier
- Standard Printing: PCL & PS
- Standard Scanning:
  - E-mail
  - IP Scanning
- Standard Duplex Print
- 2- 550 Sheet Universal Cassettes
- 150 Sheet By-pass Tray
- 4,000 Sheet Capacity (Option)
- Dual Line Fax Option
- Available 80-Page ADFR

### Printing

The NEC IT2840D comes standard with networked PCL6 and PostScript-3 emulation for PC and Mac OS. Now your entire office can network and print, with duplex output up to 11" X 17". Extended features include finishing, secure printing, printing amendments and more.

### Key Features

- 28-ppm Digital Copier
- Networked Printer
- Facsimile
- Network Scanner
- E-mail, IP Document Application
- Full-Function Document Finishing
- Web-based Management



## Enjoy Full-Featured Scanning

NEC's IT2840D Network Applications integrate document communication with your network.

- **Scan-to-Email.** Communicate your documents to anyone's e-mail. The NEC IT2840D can e-mail your paper documents in PDF or TIFF format. The unit also provides quick and easy access to e-mail addresses through the NEC IT2840D from your LDAP (Lightweight Directory Access Protocol) mail server.
- **IP Transmission.** Communicate your documents over your IP network, with high resolution, high speed and security for your intranet communications.
- **IT Series Agent.** The networked management system lets you program and manage your IT2840D unit from your desktop.
- **Forward/Archive.** Save your communications TX/RX as files or e-mails to individual PCs or a group of PCs. Automatically archive all communications for security, validation and storage purposes.
- **Internet Fax.** Transmit and receive faxes over the internet and eliminate phone line usage costs.
- **Scan-to-File (IP).** Network file scanning offers you another way to convert your documents to file data. Scan your documents to PDF or TIFF files with the touch of a button. With a resolution up to 600x600 dpi and a fast, high-volume feeder, importing scanned files is quick and effective.



## Copy

The NEC IT2840D is the ideal replacement for your current copier/printer – with superfast first-copy output of less than 4.8 seconds, 36 ppm, and high-output print productivity including duplexing. A full complement of finishing options offers your organization complete document production solutions.

## Fax

Standard high-speed faxing brings together all your document input and output in one central location and eliminates extra equipment. Faxing features include 540 one-touch auto dials, Super G3 33.6K bps with JBIG coding, 11"x 17"TX/RX, automated archive forwarding and stored fax RX, to name a few. NEC also offers a second Super G3 port option to double the unit's faxing power.

## General Specifications

**TYPE:** Digital Copier/Fax/Printer/Scanner

**TONER TYPE:** Polymerized Toner

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

**PRINT/COPY SPEED:** 28ppm (letter, portrait)

**SCAN SPEED:** Up to 41 opm (copy)  
up to 70 opm (fax/scan)

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

**ORIGINAL SIZE:**

Platen: Up to 11" x 17" (copy/fax/scan)

ADF: Up to 11" x 17" (copy/scan)

ADF: 5" x 3.9" up to 11.6" x 39.3" (fax)

**COPY SIZE:**

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

Multipurpose Bypass: 3-1/2" x 5-1/2" to 11-3/4" x 17"

**WARM-UP TIME:** Less than 14 seconds from  
auxiliary power mode

**FIRST COPY:** Less than 4.8 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%

**COPY EXPOSURE MODES:**

Text (legible text)

Text/Photo (clear text and halftones)

Photo (optimized for gradations)

Dot Matrix (dot matrix originals)

**PAPER SUPPLY:**

550-sheet universal cassette x 2  
(15 lb. to 24 lb. bond)

150-sheet multipurpose bypass  
(13 lb. bond to 55 lb. bond)

**MAXIMUM PAPER CAPACITY:**

4,000 sheets (total with options)

**FAX:**

Super G3 compatibility with ECM

JBIG compression code

33.6 Kbps modem speed

F-Code support

**FAX TRANSMISSION SPEED:**

Approximately 2 seconds/page

**DOCUMENT FEEDER:**

KU24ADFR Duplex Document Feeder

Paper Capacity: 80 sheets

Paper Size: Single-sided

5-1/2" x 8-1/2" to 11" x 17" (copy/scan)

5" x 3.9" to 11.6" x 39.3" (fax)\*

Paper Weight: Single-sided 9-1/4 lb bond to 34 lb bond

Double-sided 13-1/4 lb bond to 34 lb bond

**SUPPLIES/CONSUMABLES:**

Toner: Bottle 17.5K @ 6% (multi-print)

Drum: Photo Conductor 800K

Starter Developer: Bag 80K

Developer Unit: 400K

Staple: Cartridge Box

Stamp: Iridescent ink cartridge

**POWER REQUIREMENTS:** 120 V, 50/60 Hz, 12A.

**POWER CONSUMPTION:** Min. 5w, Max. 1.35Kw Feeder

**DIMENSIONS (W x D x H):**

26-3/4" x 28" x 28-1/4" (standard configuration)

**WEIGHT:** 170 lbs.

**OPTIONS:**

KU24ADFR Duplex Document Feeder

KU24PFC Paper Feed Cabinet (550 sheets)

KU24PFC2 Two-Way Paper Feed Cabinet

(550 sheets x 2)

KU24LCC Large Capacity Cabinet (2750 sheets)

KU24DB Copy Desk

KC56JS Job Separator

KU24FB Built-in Finisher

KU24FS Saddle Kit

KC93PK Punch Kit

KU24MB Mail Bin Kit

KU24PT Additional Bin Kit

KC9301 Multi 2nd G3 Port

KC93MA Optional Memory Board 32MB

KC56KC Key Counter Kit

KC56KEY Key Counter

KC56CO Mechanical Counter Kit

KC56ST TX Marker Stamp Unit 2

Available Print/Copy Functions\*

Account Track (1,000 accounts)

User Authentication (100 Users)

APS/AMS

Auto Duplex

Auto Reset

Auto Tray Switching Copy Modes (Simplex/Duplex,

2-in-1, 4-in-1, Book,Booklet.) Cover Mode Creative

Functions (XY Zoom, Negative/Positive Reverse, Image

Repeat)

Crisscross Sorting

Distribution No. Printing

Energy Save Mode

Enlarge Display

Erase (Frame, Edge) Mode Finishing (Group, Sort,

Staple, Punch, Booklet and Staple)

Image Adjustments

Interrupt

Job List

Mode Check

Program/Recall Jobs

Paper Size Selection (APS, Manual)

Paper Type Selection (Normal, Thick, Thin, OHP, Envelop)

Proof Copy

Secure Print

Separate Scan

Sleep Mode

Utility (Reports, Environment Setting, Language Setting,

Copy Program, Usage Data, Administrator Management)

Watermarks

Zoom Selection

Fax Functions

2nd Super G3 Port option

Autodialing (540 one-touch keys)

Auto Dial Search

Auto Memory Reception

Auto Reduction Printing

Batch TX

Broadcasting (maximum 300 locations)

Bulletin Board

Density Adjustment

Destination Insertion

Destination Search

Duplex Transmission

Exposure Mode (Text, Text/Photo, Grey Scale)

Group Dialing

F-Code

2-in-1 Transmission

Image Rotation Transmission

Mailbox (Private) Transmission/Reception

Memory Lock

Memory/Quick Dial

Mix Originals Transmission

Original Size Designation

Password Transmission/Reception

Polling Transmission/Reception

Priority Transmission

Print Setting for Overnight Reception

Program Dialing (30 programs)

Real-time TX

Redial

Relay Broadcasting

Relay Transmission

Remote Copy

Scan Area Reduction (Auto, Manual)

Secure Printing

Timer Transmission

Print System

**PROCESSOR:** 400 MHz

**RAM:** 192-MB

**PAGE DESCRIPTION LANGUAGE:**

PCL 5e Emulation

PCL 6 (XL version 2.1) Emulation

PS3 Emulation

**FONTs:**

PCL Resident Fonts: 80 outline + 1 bitmap

PS3 Emulation Resident Fonts: 136 outline

**PRINT DRIVERS:**

PCL 6: Windows 2000/XP/2003

Windows Vista/2008

PS3: Windows 2000/XP/2003 PS

Windows Vista /2008 PS Windows NT4.0 PS

MAC OS9.2/10.3/10.5PPD

**INTERFACE:**

Ethernet 10Base-T / 100Base-TX

USB 1.1, 2.0

**PROTOCOLS:**

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

NetBEUI,IPP,SNMP, HTTP 3.0

User Authentication (Active Directory, NTLM, NDS)

**NETWORK APPLICATIONS:**

Scan-to-File (IP/One-Touch, Preset Scan)

Protocols: TCP/IP

Document Size : Letter, Legal, Ledger

Resolution: 200x100, 200x200, 400x400,

600x600 dpi

File Format: TIFF, PDF

Coding Method: MH, MMR

Target File: Directory folder specified at PC

Destination: IP address from PC (Preset Scan), IP

address max. 540 (IP/One Touch)

Protocols: E-mail MIME

Document Size: Letter, Legal

Resolution: 200x200, 400x400 approx. dpi

File format: attached file format -TIFF-F

Coding Method: MH

Broadcast: destinations Max. 1500

Address Book: 1000 addresses per address

book, search function, CSV/WAB format available

TX to E-mail / Scan to E-mail

Protocols: TCP/IP, LDAP

Document Size : Letter, Legal, Ledger

Resolution: 200x100, 200x200, 400x400,

600x600 dpi

File Format: E-mail –MIME, attached file-

TIFF, PDF

Coding Method: MH, MMR

Destination: Registration of E-mail address,

max. 540

Internet Fax Protocols: E-mail TX-SMTP (IETF RFC2821,

RFC2822), TCP/IP

E-mail RX- POP3 (IETF RFC1725, RFC1939, TCP/IP

Document Size : Letter, Legal, Ledger

Resolution: 200x100, 200x200, 400x400,

600x600 dpi

File Format: E-mail –MIME, attached file-TIFF

Coding Method: MH, MR, MMR

Destination: Registration of E-mail address,

max. 540

IP-TX

Protocols: E-mail TX-SMTP (IETF RFC2821,

RFC2822), TCP/IP

Document Size : Letter, Legal, Ledger

Resolution: 200x100, 200x200, 400x400,

600x600 dpi

File Format: TIFF

Coding Method: MH, MR, MMR

Destination: Registration of IP address,

max. 540

IT Series Agent Manager

Protocols: TCP/IP, HTTP

Format: HTTP

Display: Operation Status

(Copy/Printer/Fax/Internet Fax/Scanner)

Device Status (Alarm/Paper Size/Paper

Status/Option Configuration)

Registration/View: One-touch/Index/Bulletin

Board Maintenance: Initial Setting/account

reg./Account total/ Total Page/Power Save/Network

Settings/Scan Settings

Operation Environment for Utilities

CPU: 133 MHz or faster

OS: Windows Vista\*/Windows Server 2003\*/Windows

XP\*/Windows 2000

\*IP Scanner does not support Windows Vista x64

Edition, Windows Server 2003 x64 Edition and Windows

XP Professional x64 Edition.

Memory: 64 MB or more (128 MB recommended)

\*When recommended environment of OS is higher than

this, follow that.

### Immediate Nationwide Help

With the purchase of your NEC IT2840D 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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