



## NEC Vivid Office 2020

Color your business more successful



Empowered by Innovation

**NEC**



*Base Unit with ADFR*



*The NEC ViVid Office 2020 provides copying, faxing, printing and scanning with network integration for your business.*

### *The Affordable Color Document Solution*

The NEC ViVid Office 2020 is the perfect solution for all working environments. It increases efficiency by provides printing, copying and scanning – all in full color – while integrating seamlessly with your existing communications systems.

The NEC ViVid Office 2020 provides integrated communications features far beyond the usual printing, scanning and network email. It brings integrated internet fax, facsimile, IP transmission, IP relay and auto archive/forwarding applications to the table as well.

The NEC ViVid Office 2020 is a must-see for those looking for the technology to make their businesses more effective and efficient by replacing monochrome devices or upgrading to new color devices.

### *Make Color Copies Quickly*

The NEC ViVid Office 2020 can produce 20 color-copies per minute and offers a fast first copy output that enables you to keep up with the pace of business.

### *THE NEC ViVid Office 2020 AT A GLANCE:*

- 20-ppm Color/B&W Digital MFP
- Standard Printing: PCL & PS
- Standard Scanning:
- Email
- SMB, FTP, Scan to File, IP (available with Phase2)
- Available Duplex Print
- Available 70-Page ADFR
- Standard 250 Sheets
- Available By-pass Tray
- 3,350 Sheet Capacity
- Sort/Shift Finisher option
- Fax Option w/Internet Fax/IP Fax
- Dual Line Fax Option

### *Print from Anywhere on the Network*

Thanks to network integration, everyone in your office can connect to the NEC ViVid Office 2020 and print in color or black and white. This extremely versatile printer comes standard with PCL5e/c PCL6 (XL) emulation networked printing and PostScript 3 emulation (Version 3015) for both PC and Mac operating systems.

It also offers duplex output up to 11" X 17" and extended features that include:

- Auto tray switching
- Account Track (50 accounts)
- Secure printing
- Separate scan
- User authentication (Synchronized w/Account Track)

## Enjoy Full-Featured Scanning

The NEC ViVid Office 2020 offers standard network scanning in both color and black and white while utilizing a wide variety of file formats, such as TIFF, PDF, or JPEG. Now you can import color documents, convert your paper document base to digital files and send all your information electronically.

Additional scanning options available in Phase 2 include:

- **Scan-to-Email**, which enables you to send documents via e-mail. The NEC ViVid Office 2020 unit is Light Directory Access Protocol (LDAP) compliant to offer quick, easy access to email addressed in your LDAP mail server (LDAP available with Phase2)
- **TWAIN Scanning**, which uses the NEC ViVid Office 2020's TWAIN-scan driver to enable you to control the NEC ViVid Office 2020 from your PC through TWAIN-enabled PC applications
- **Scan-to-FTP**, which enables you to scan documents to an FTP server so that others can then view and/or retrieve them via proxy servers
- **Scan-to-PC (SMB)**, which uses the Windows® environment's desktop scanning ability to offer direct scanning to a network PC
- **Scan-to-File (IP)**, which enables you to scan documents to .pdf or .tiff files with the touch of a button. Network file scanning offers another way to convert your documents to file date

## Centralize Your Faxing

The NEC ViVid Office 2020 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. And when you add a second dual port to the fax option with a multi-line option, you will double your fax communication capability.

Other fax features include:

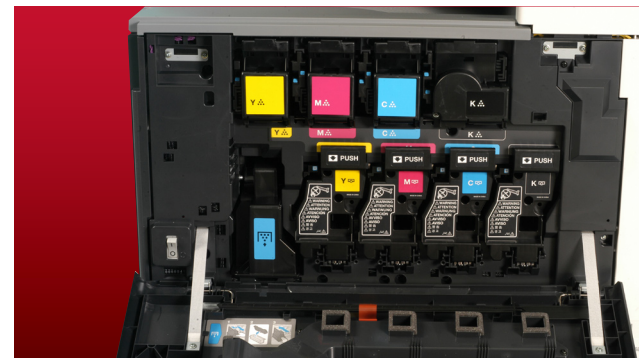
- 300 One Touch options
- Duplex TX
- Super G3 33.6 Kbps
- Duplex RX
- JBIG data compression
- F-code support
- PC fax
- Auto forward
- Network fax
- Stored Fax RX

## Secure Your Information

The NEC ViVid Office 2020 includes user authentication, account tracking and other security enhancements to protect your information.

## Integrate Your ViVidOffice 2020 with the Network

Fast, simple integration is a breeze with the NEC ViVid Office 2020. A total suite of solutions provide the device management, document control, network integration and administrative productivity tools you need. Standard network connectivity offers integration through your network to provide printing and scanning integration with full-color capabilities.



## General Specifications

### BASIC SPECIFICATIONS:

#### TYPE:

Full-Color Printer/Copier/Scanner with Stationary Platen

#### PRINT/COPY PROCESS:

Tandem Process

#### TONER TYPE:

Color Polymerized Toner

#### MONTHLY DUTY CYCLE:

30,000 pages max.

#### PRINT/COPY SPEED:

Full Color: 20 ppm (letter, portrait)  
B/W: 20 ppm (letter, portrait)

#### PRINT RESOLUTION:

600 dpi

#### SCAN SPEED:

Full Color: 20 opm (@ 300 dpi, Letter),  
20 opm (@ 600dpi, Letter)  
B/W: 40 opm (@ 300dpi, Letter),  
20 opm (@ 600dpi, Letter)

#### SCAN RESOLUTION:

200 dpi, 300 dpi, 400 dpi, 600 dpi

#### SCAN FILE FORMATS:

TIFF, PDF, JPEG

#### MEMORY:

576 MB (64 MB File Memory + 512 MB Working Memory)

#### 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 (cassette): 8.5" x 11" to 11" x 17"  
Tray 3 (cassette): 8.5" x 11" to 11" x 17"  
Tray 4 (cassette): 8.5" x 11" to 11" x 17"  
Bypass Tray: 3.5" x 6" to 12" x 18"

#### WARM UP TIME:

Full Color: Less than 40 seconds  
B/W: Less than 37 seconds

#### FIRST COPY TIME:

Full Color: Less than 13.5 seconds  
B/W: Less than 10.0 seconds

#### 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, 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)

#### STANDARD PAPER SIZE:

250-sheet universal cassette  
Plain Paper (16 lb. bond to 140 lb. Index)  
Envelopes  
Post cards  
OHP

Paper Sizes: Width 5.5" to 11.7" Length 7.2" to 17"

#### MAXIMUM PAPER CAPACITY:

3,350 sheets (total, with options)

#### KU18ADFR AUTO DOCUMENT FEEDER (optional):

Speed: Full Color: 20 opm, B/W: 20 opm

Paper Capacity: 70 sheets

Paper Size

Copy: 5.5" x 8.5" to 11" x 17"

Scan/Fax: 5" x 3.9" to 11.6" x 39.3"

Paper Weight: Single-sided: 14 lb. bond to 34 lb. bond

Double-sided or mixed: 13.25 lb. bond to 34lb. bond

#### KU18BPT Multi-Bypass Tray MB-502:

Paper Capacity: 100-sheets Plain Paper (Thick paper

20- sheets, Label sheets 20-sheets, Envelops 10)

Paper Type: Plain Paper (16lb. bond to 140 lb. Index)

OHP file(cross feeding only) monochrome print only

Label sheets

Envelops

Postcards

Translucent paper

Paper Sizes: Width 5.5" to 11.7" Length 7.2" to 17"

#### KU18PFC Second Paper Cassette PC-105 (500x1)

Paper Capacity: 500-sheets Plain Paper (Thick paper

150- sheets)

Paper Type: Plain Paper (16lb. bond to 140 lb. Index)

Paper Sizes: Width 5.5" to 11.7" Length 7.2" to 17"

#### KU18PFC1 Paper Feed Cabinet PC-1 04 Third Cassette (500x1)

Paper Capacity: 500-sheets Plain Paper (Thick paper

150- sheets)

Paper Type: Plain Paper (16lb. bond to 140 lb. Index)

Paper Sizes: Width 5.5" to 11.7" Length 7.2" to 17"

#### KU18PFC2 Paper Feed Cabinet PC-204 Third & Fourth (500x2)

Paper Capacity: 500-sheets x 500-sheets Plain Paper

(Thick paper 150- sheets x 150-sheets)

Paper Type: Plain Paper (16lb. bond to 140 lb. Index)

Paper Sizes: Width 5.5" to 11.7" Length 7.2" to 17"

#### KU18LCC Paper Feed Cabinet PC-405 Large Capacity (2500)

Paper Capacity: 2,500-sheets (Thick paper 1,000-

sheets)

Paper Type: Plain Paper (16lb. bond to 140 lb. Index)

Paper Sizes: 8.5" x 11"

#### POWER REQUIREMENTS:

120V, 60Hz 15 Amps

#### POWER CONSUMPTION:

Less than 1.26kW (10.5W)

#### DIMENSIONS / WEIGHT:

25.25"W x 28.75"D x 27"H / 150 lbs

#### OPTIONS:

KU18FAX Fax Kit

KU18ADFR Automatic Duplex Document Feeder

DK-504 Copy Desk

KU18BPT Multi-Bypass Tray MB-502

KU18DU Duplex Unit AD-505

KU18JS Job Separator JS-505

KU18EM1 512-MB Feature Enhancement Memory

(required for KU18JS and KU18DU)

KU18GFML Fax Multi-Line Kit (second fax line)

QC-507 Original Cover

KU18PFC Second Paper Cassette PC-105 (500x1)

KU18PFC1 Paper Feed Cabinet PC-104 Third Cassette

(500x1)

KU18PFC2 Paper Feed Cabinet PC-204 Third & Fourth

(500x2)

KU18LCC Paper Feed Cabinet PC-405 Large Capacity

(2500)

KU18ST TX Fax Stamp Unit (for KU18ADFR)

#### AVAILABLE PRINT/COPY FUNCTIONS:

Account Track (50 accounts), APS/AMS, Auto Duplex,

Auto Reset, Auto Tray Switching, Bi-Directional

Communication (Device Option Setting), 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), Cover Mode, Creative Functions

(Mirror Image, XY Zoom, Image Center, Base Color,

Neg./Pos. Reverse, Image Repeat), Energy Save Mode,

Enlarge Display, Erase (Border, Frame, Edge) Mode,

Form Overlay, Glossy Mode, Image Adjustments (Pure

Black Auto ON/OFF, Color Balance, Screen Settings,

Image Smoothing ON/OFF), Image Density Adjustment

(Density, Background Removal), Image Preview (Job

Finishing Image Display, Engine Configuration Display),

Interrupt, Job List, Job Erase, 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), Print

Modes (Simplex/Duplex, 2-in-1, 4-in-1, 6-in-1, 9-in-1,

1 6-in-1, Proof Copy, Secure Printing, Separate Scan,

Sleep Mode, Text Enhancement, User Authentication

(Synchronize w/Account Track), Utility (Meter Count,

Environment Setting, Default Setting, One-Touch

Setting, Check Consumables 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-File, iPrint

(FTP, SMP, iPrint, Scan to file available with Phase2)

#### AVAILABLE FAX FUNCTIONS:\*

Autodialing (300 one-touches), Auto Memory Reception,

Auto Reduction Printing, Border Erase Function,

Broadcasting (maximum 210 locations), Bulletin Board,

Density Adjustment, 2-Sided Transmission/ Reception,

Exposure Mode (Text, Text/Photo, Photo, Dot Matrix),

Group Dialing (up to 200 one-touches per group),

Image Rotation Transmission/Reception, Mailbox

(Private) Transmission/Reception, Memory/ Quick Dial,

Mixed Originals Transmission, Original Size Designation,

Password Transmission/Reception, PC-Fax, Polling

Transmission/ Reception, Priority Transmission, Print

Setting for Overnight Reception, Program Dialing

(30 programs), Redial, Relay Broadcasting, Relay

Transmission, Remote Reception, Secure Printing, Timer

Transmission

#### PRINT SYSTEM (Standard)

PROCESSOR: Built-in printer controller

#### PRINT RESOLUTION:

600 x 600 dpi

#### PAGE DESCRIPTION LANGUAGE:

PCL5e/c, PCL6 (XL) Emulation,

PostScript 3 Emulation (version 3015),

#### FONT:

PCL: 80 fonts, PostScript 3 Emulation: 136 fonts

#### PRINT DRIVERS:

PCL6: Windows 2000(SP3 or later), Windows XP

(Home/Professional), Windows Server 2003, Windows

XP Professional x64, Windows Server 2003 x64,

Windows Vista (x32, x64)

PS3: Windows 2000(SP3 or later), Windows XP (Home/

Professional), Windows Server 2003, Windows XP

Professional x64, Windows Server 2003 x64, Windows

Vista (x32, x64)\* Mac OS 9.2 (PPD File), Mac OS X

10.2.8, 10.3, 10.4, or Intel-based 10.4 (print driver)

#### INTERFACE:

100Base-TX/1 0Base-T, USB 2.0

#### PROTOCOLS:

TCP/IP, IPX/SPX, AppleTalk Phase2 (Ether Talk), SMB,

LPR/LPD, Netware (4.x, 5,6), Pserver, Nprinter, NDPS,

IPPP.1. SMTP, POP3, LDAP, SSL/TLS, SNMP, HTTP/

HTTPS.

#### APPLICATIONS:

##### Network & Device Management:

Management Utility

##### User Tools:

Web Connection

Print Status Notifier

Font Management Utility

#### SCAN APPLICATIONS (Standard)

##### SCAN TO EMAIL:

Comm. Protocol: SMTP/TCP/IP communication

Document Size: Letter, Legal, Ledger

Resolution (dpi): 200x100, 200x200, 300x300,

400x400, 600x600

Data Format: E-mail MIME, Attached TIFF-F, PDF

Coding Method: MH, MMR

Applicable Line: Ethernet (100BASE-TX, 10BASE-T)

Destination Registration: Email address or host name

of PC (Max. 300)

##### AUTO RX DOCUMENT FORWARDING / ARCHIVE DISTRIBUTION:

Destination Registration: Email address specified in

user registration, F-code

##### INTERNET FAX:

Comm. Protocol: Email TX- SMTP, Email RX- POP3,

TCP/IP communication

Document Size: Letter, Legal, Ledger

Resolution (dpi): 200x100, 200x200, 300x300,

400x400, 600x600

Data Format: Email format-MIME, Attached file TIFF-F

Coding Method: MH, MMR

Applicable Line: Ethernet (100BASE-TX, 10BASE-T)

Destination Registration: Email address (Max. 300)

##### IP-TX:

Comm. Protocol: Email TX- SMTP, TCP/IP

communication

Document Size: Letter, Legal, Ledger

Resolution (dpi): 200x100, 200x200, 300x300,

400x400, 600x600

Data Format: TIFF-F

Coding Method: MH, MR, MMR

Applicable Line: Ethernet (100BASE-TX, 10BASE-T)

Destination Registration: IP address or Host name

(Max. 300)

##### IP RELAY:

Relay Destination: Max. 8 locations

Transmission Destinations: Facsimile

##### Faxing (optional):

Super G3 compatibility JBIG data

compression 33.6 Kbps medium speed

Network Fax F-Code Support

##### DATA COMPRESSION:

MH, MR, MMR, JBIG

##### FAX TRANSMISSION SPEED:

Less than 3 seconds/page (V.34, JBIG, standard

resolution)

##### FAX MEMORY:

64MB (shared copier memory) optional 512MB (shared

copier memory)

##### FAX EXPOSURE MODES:

Text, Text/Photo, Photo, Dot Matrix

To find out more about the ViVid Office 2020 and how NEC's powerful and versatile technology platforms can work for you, visit [www.necunifiedsolutions.com](http://www.necunifiedsolutions.com)

Phase II available after product release

Empowered by Innovation

**NEC**

About NEC Unified Solutions, Inc. NEC Unified Solutions Inc., a global leader in VoIP and data communications for the enterprise and small-medium business, delivers the industry's most innovative suite of products, applications and services that help customers achieve business value through technology. NEC Unified Solutions, a wholly owned subsidiary of NEC Corporation of America, offers a complete portfolio of solutions for wireless, unified communications, voice, data and management services, and an open migration path to protect investments. NEC Unified Solutions, Inc. serves Fortune 1000 customers across the globe in vertical markets such as hospitality, education, government and healthcare.

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