FUJITSU

# Datasheet
# FUJITSU Image Scanner N7100E

Equipped with network features to make information sharing easier than ever



With the functionality of many devices, yet the simplicity of one, the N7100E network scanner contains the qualities organizations of all sizes desire to improve business processes. Scanning speeds are a consistent 25 ppm/50 ipm (A4 landscape 200/300 dpi) with a 50 sheet loading capacity.

### Easy stand-alone network operation with a large display
Operators no longer need a computer to scan, save or send data using the N7100E. Digitizing or editing documents, storing scans to network directories, and sending data via email attachment can all be completed with simple operation of the large touch screen and on-screen keyboard. Without the computer add-on, operations remain simple and easy, so that minimal operator training is required and there is no need for computer maintenance.

### Customize for secure group use
Administrators can customize the touch panel job menu and scan settings to suit the work of a specific user or registered user group. In this way, adminstrators can control what each operator can do and customize a single unit to function as a terminal, exclusive to each operator. Shared use always comes with its share of risks but N7100E provides numerous security measures to ensure complete data protection. Not only does the scanner implement verification before scanning but it ensures automatic data encryption during processing and data deletion after scanning.

### Fit all unique needs with ultimate customization functionalities
User applications can also be integrated into the scanner as add-in software using the exclusive SDK (for Windows). Added applications are displayed on the job menu.

### Versatile range of use from SOHO to large enterprises
Whether at small office networks or large enterprises, N7100E easily satisfies the digitizing needs of networks using file or e-mail servers.
Designed to be shared among multiple users, it also offers administration functions that allow administrators to individually or collectively set up and manage a vast network of units from a single console. The Admin Tool function allows administrators to adjust running environment settings one scanner at a time. And the Scanner Central Admin enables collective monitoring and managing of scanner usage, settings and much more for multiple units. Thanks to the open USB port, operators can connect keyboards and other USB devices such as ID card readers, so that the unit can function as a flexible terminal for any work environment.

## Technical Information

| | |
|---|---|
| Scanner Type | ADF (Automatic Document Feeder), Duplex |
| Scanning Speed*1 (A4 Portrait) (Color*2/Grayscale*2/Monochrome*3) | Simplex: 25 ppm (200/300 dpi) Duplex: 50 ipm (200/300 dpi) |
| Image Sensor Type | Color CIS x 2 (front x 1, back x 1) |
| Light Source | 3 Color LED |
| Optical Resolution | 600 dpi |
| Output Resolution*4 (Color / Grayscale / Monochrome) | 150, 200, 300, 600 dpi, Custom (50 to 600 dpi), Auto |
| Output File Formats | PDF (searchable/password-protected/compressed/ marker index processed), JPEG, TIFF (single/multi-page), page output in reverse order |
| Output Methods | Save image data to network folder/SharePoint/FTP server, Send image data by E-mail, Print*5 (Send image data to printer server or network printer), Send image data by FAX (Send image data to FAX server or internet FAX in E-mail format) |
| Background Colors | White |
| Document Size | |
| Maximum*6 | 216 x 355.6 mm (8.5 x 14 in.) |
| Minimum | 50.8 x 50.8 mm (2 x 2 in.) |
| Long Page Scanning*7 (Maximum) | 3,048 mm (120 in.) |
| Paper Weight (Thickness) | |
| Paper | 40 to 209 g/m² (11 to 56 lb)*8 |
| Plastic Card | 0.76 mm (0.029 in.) or less*9 |
| ADF Capacity*10*11 | 50 sheets (A4 80 g/m² or Letter 20 lb) |
| Expected Daily Volume*12 | 4,000 sheets |
| Multifeed Detection | Overlap detection (Ultrasonic sensor) |
| Authentication*13 | |
| User Authentication | Active directory or Open LDAP (for Solaris or Linux), Standalone authentication*14 |
| Folder Authentication | Active directory or Open LDAP(for Solaris or Linux) |

| | | |
|---|---|---|
| Network Interface | | 10BASE-T, 100BASE-TX, 1000BASE-T |
| Network Protocols | | TCP/IP (IPv4 / IPv6*15), DHCP (IPv4 / IPv6*15), SMTP, SMB, LDAP, LDAPS, NTP, FTP, FTPS, HTTP, HTTPS |
| Power Requirements | | AC 100 to 240 V ±10 % |
| Power Consumption | | |
| Operating Mode | | 38 W or less |
| Energy-saving Mode | | 2 W or less*16 |
| Power Off Mode | | 0.3 W or less |
| Operating Environment | | |
| Temperature | | 5 to 35 °C (41 to 95 °F) |
| Relative Humidity | | 20 to 80% (non-condensing) |
| Environmental Compliance | | ENERGY STAR®, RoHS |
| Display | LCD | 8.4 in. XGA (1,024 x 768 pixels) TFT color monitor |
| | Touch Screen | Analog resistive touch screen |
| Keyboard | | Software keyboard |
| Dimensions*17 (Width x Depth x Height) | | 300 x 232 x 172 mm (11.8 x 9.1 x 6.8 in.) |
| Weight | | 6 kg (13 lb) |
| Included Items | | AC cable, AC adapter, LAN cable, Getting Started |

## Options

| | | |
|---|---|---|
| Carrier Sheets | PA03360-0013 | Each package contains 5 carrier sheets |

## Consumables

| | | |
|---|---|---|
| Roller Set | PA03706-0001 | Every 200,000 sheets or one year |
| Cleaner F1 | PA03950-0352 | 100 ml bottle for Roller cleaning |
| Cleaning Wipe | PA03950-0419 | 1 pack (24 sheets) for Roller cleaning |
| Cleaning Paper | CA99501-0012 | 1 pack (10 sheets) for use with Cleaner F1 |

*1 Actual scanning speeds are affected by data transmission and software processing times. *2 Indicated speeds are from using JPEG compression. *3 Indicated speeds are from using TIFF CCITT Group 4 compression. *4 Selectable maximum density may vary depending on the length of the scanned document. Carrier Sheet scanning supports scanning at resolutions of up to 300 dpi. *5 Use the printer driver for Windows 10 (64bit). *6 Scans folded documents of up to 297 x 432 mm (11.7 x 17 in.) with carrier sheet scanning. *7 Capable of scanning documents longer than 863 mm (34 in.) in length when scanning in 200 dpi or below. Some limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning in high resolution (over 600 dpi). *8 Thicknesses of up to 127 to 209 g/m² (34 to 56 lb) can be scanned for A8 (52 x 74 mm / 2.1 x 2.9 in.) sizes. *9 Capable of scanning embossed cards, one at a time. *10 Maximum capacity depends on paper weight and may vary. *11 Capable of setting additional documents while scanning. *12 When operating 8 hours a day. *13 Visit the fi Series website for details on N7100E compatible server types. https://www.fujitsu.com/global/products/computing/peripheral/scanners/business/n7100e. *14 Authentication databases are locally stored and limited to one per scanner. User information is registered in databases from the User Editor application. *15 Visit the fi Series website for more information about supported protocols. *16 Power consumption varies depending on region. *17 Excludes the ADF paper chute and stacker.

**Trademarks**
SharePoint is a registered trademark of Microsoft Corporation in the United States and/or other countries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. Any other products or company names appearing in this document are the trademarks or registered trademarks of the respective companies.
**Safety Precautions**
Be sure to carefully read all safety precautions prior to using this product and use this device as instructed. Do not place this device in wet, moist, steamy, dusty or oily areas. Using this product under such conditions may result in electrical shock, fire or damage to this product. Be sure to limit the use of this product to listed power ratings.
**ENERGY STAR®**
PFU Limited, a Fujitsu company, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a registered trademark of the United States.

Specifications are subject to change without notice. Visit the fi Series website for more information. http://imagescanner.fujitsu.com/

## Contact