ES7170 MFP Specifications

OKI

Open up your dreams

Enterprise class A4 Mono MFPs offering seamless document workflow integration

The ES7170 MFP mono A4 multifunction product (MFP) offers the tools you need to ensure the efficient use of resources within your organisation, improving communication and document workflow using the embedded open platform sXP (smart Extendable Platform). Combining print, copy, scan and faxˆ functionality in one high speed, ergonomic device, the smart ES7170 MFP offers efficient and secure document management and output where only mono printing is required

Ultimate flexibility

The ES7170 MFP provides the configuration flexibility required to meet your current and future business needs.

- 3rd party software connectivity for seamless network integration
- Customisable 23cm backlit colour LCD touch screen

Improving business productivity

Robust and efficient, the ES7170 MFP has been designed to deliver an extensive range of high value features as standard to improve productivity.

- Up to 52ppm print speed in mono
- Paper capacity of up to 3,160 sheets
- Built-in convenience stapler

- Internal finisher for collating and stapling (dfn models)
- 1.2GHz processor and 2GB RAM memory
- Standard 160GB HDD
- 10/100/1000 baseT Ethernet

Highest level document and data security

Including security and encryption to the highest industry standards, the ES7170 MFP provides sophisticated user authentication that prevents unauthorised access and protects your corporate data, whilst user access can be customised, allowing you to enable or disable functions easily.

- Secure print job encryption
- SNMPv3 and optional IPSec secure networking
- PIN/IC Card/LDAP/Kerberos access control
- Secure print with PIN or with optional card reader (MIFARE /HID)

High definition LED scanning

For high definition scanning, the ES7170 MFP combines advanced LED technology with a full range of features that improve productivity and document workflow.

- Fast scan and copy speeds of up to 55ipm and 52ipm

- Duplex scanning
- Scan to filing box, scan to shared folder, scan to email, scan to USB memory
- Blank page skipping

Clearer and sharper copying

The ES7170 MFP combines advanced LED technology with a full range of features that improve productivity and document workflow.

- Fast copy speeds of up to 52ppm
- ID Card copy, repeat copy, job build copy
- Duplex copying (1 to 2, 2 to 1, 2 to 2)
- Job Macro stores frequent tasks

Reducing your impact on the environment

The ES7170 MFP is the first full LED A4 large workgroup MFPs on the market.

- Duplex print, copy and scan or reduced paper usage
- High capacity toner cartridges
- Toner save function
- 2W or less in Deep Sleep mode
- Energy Star certified

3 YEAR WARRANTY

EXECUTIVE SERIES

ES7170dnMFP / ES7170dfnMFP - Mono Multifunction Product

Print

A4 Print speed	52ppm
Time to first print	5 seconds
Warm up time	35 seconds or less from power on, 19 seconds or less from power save
Processor speed	1.2GHz
Resolution	600 x 600dpi, 1200 x 1200dpi
Printer fonts	Scalable: 80 PCL fonts & 138 PostScript fonts

Scan

Resolution	Up to 600 x 600dpi
Speed	Up to 40ipm/55ipm (Colour/Mono)
Colour depth	Output 24 bit (8 bit x 3 RGB)
Document input	Up to 100 sheet Reverse-Automatic Document Feeder (RADF)
Contrast	9 Levels
Format	JPEG, TIFF (multi/single page), PDF (multi/single page), Slim PDF, Secure PDF, XPS (multi/single page)
Address book	LDAP & internal address book
Scan to	SMB, FTP, FTPS, Netware, FilingBox, USB Memory, E-mail

Copy

First copy out	8 seconds
Speed	52ppm
Resolution	600dpi
Reduction / Enlargement	25-400%
Maximum copies	999

Fax (Optional)

Connectivity	RJ11 x 2 (Line/Tel), PSTN, PBX Line
Speed	ITU-T G3(Super G3) up to 33.6kbps, 3 seconds/page
Internet faxing	ITU-T T.37
Fast dialing	Address book up to 3000 numbers
Groups	Up to 200
Broadcast	Maximum 400
Page memory	100 jobs, 1000 pages/job, and up to 1GB on HDD

Interface and Software

Connectivity	10/100/1000 baseT, USB 2.0/ Hi Speed USB, Optional Wireless (802.11 b/g)
Embedded Open Platform	sXP (smart Extendable Platform)
Printer languages	PCL5e, PCL6, Postscript 3 Emulation, PDF emulation, XPS
Network & protocols	All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IPv4&v6, SMTP, POP3, HTTP, SNMPv1&v3, DHCP, DNS, LPR, Port9100, ARP, FTP, SMB, LDAP, Bonjour, NetWare, EtherTalk, LLTD, Web Service for Devices
OS Compatibility[1]	Windows 8 (32-bit & 64-bit) / Windows 7 (32-bit & 64-bit) / Vista SP1 & SP2 (32-bit & 64-bit) / XP SP2 or later / Server 2008 SP1 or later (32-bit & 64-bit) / Server 2003 SP2(32-bit & 64-bit)/ Server 2008 R2 (64-bit) / Server 2012 (64-bit); Mac OS X 10.4/10.5/10.6/10.7/10.8; PPDs for Linux/Unix
Utility suite[1]	File Downloader, Address Book Viewer, Remote Scan Driver, e-Filing Backup/Restore, Print Job Accounting[2], Print Job Accounting Enterprise[2], PrintSuperVision.NET[2], Output Manager, Fleet Manager, Template Manager[2]

Security

Device Security	IP Filtering, MAC Filtering, IPSec (option), Secure Print, Secure Print job encryption (by secure HDD), SMTP server authentication, POP before SMTP authentication, SSL Security for SMTP Protocol, SNMPv3, SSL/TLS Encryption, Port Change, Storage Device Encryption, Secure Erase, Disable Host USB feature
Access Security	LDAP authentication
Certification	CE Mark, Energy Star, GS Mark

Operator Panel

User Interface	23cm Colour backlit LCD touch screen & key top; 28 Hard Keys, 6 LED's
Key pad	12 numeric, 6 main function buttons (Menu, Copy, Scan, Print, FilingBox, Fax), Power, Power save, Reset, Stop, Start Key, Setting, Interrupt, Counter Key, Authentication, Clear Key

Paper Handling

Standard Paper capacity	**Tray 1:** 530 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm; **RADF:** 100 sheets of 80gsm
Optional Paper capacity	**Tray 2:** 530 sheets of 80gsm; **Tray 3:** 530 sheets of 80gsm; **Tray 4:** 530 sheets of 80gsm; **Large Capacity Feeder (LCF):** 2,000 sheets of 80gsm
Paper Input capacity	**Standard:** Up to 630 sheets of 80gsm; **Maximum:** Up to 3,160 sheets of 80gsm
Internal finisher	**Internal finisher:** Offset stacking, stapling - up to 50 sheets of 80gsm (dfn model only); **Convenience stapler:** Stapling - up to 20 sheets of 80gsm
Paper sizes	**Tray 1:** A4, A5, B5; Tray 2/3/4: A4, A5, B5; **Large Capacity Feeder:** A4; **Multi-purpose tray:** A4, B5, A5, A6. Envelopes (Com-9, Com10, DL, C5), Labels (Avery 7162, 7664, 7666). Support Custom size: Width 64-216mm Length 127-1321mm; **RADF:** A4, A5, A6(simplex), B5; **Duplex:** A4, A5, B5. Supports custom size: Width 148.5-216mm Length: 210-356mm
Paper weight	**Tray 1:** 64 to 220gsm; **Tray 2/3/4:** 64 to 220gsm; **Large Capacity Feeder:** 64 to 220gsm; **Multi-purpose tray:** 64 to 250gsm; **RADF:** 60 to 105gsm; **Duplex:** 64 to 220gsm
Duplex	Standard
Paper output	Face up: 100 sheets of 80gsm, Face down: 500 sheets of 80gsm (dn model); Face up: 100 sheets of 80gsm, Face down: 100 sheets of 80gsm, Finisher: 500 sheets of 80gsm (dfn model)

General Features

Memory	**Standard RAM:** 2GB
	High Performance Secure HDD: 160GB
Environment	**Operating temperature/ humidity:** 10ºC to 32ºC (17ºC to 27ºC recommended) / 20% to 80% RH (50% to 70% RH recommended)
	Storage temperature/ humidity: -10ºC to 43ºC / 10% to 90% RH
Power supply	Single phase 220–240VAC, frequency 50/60Hz +/- 2%
Power consumption	**Typical:** 870W; **Max:** 1500W; **Idle:** 120W; **Power Save:** 40W; **Deep Sleep:** 2W or less
Noise level	**Operating:** 58dB(A) or less; **Standby:** 30dB(A) or less; **Power save:** Background level
Dimensions (HxWxD)	675 x 522 x 564mm (dn model); 811 x 522 x 564mm (dfn model)
Weight[3]	50kg approx (dn model); 60kg approx (dfn model)
Warranty	3 years extended warranty upon registration within 30 days of purchase^
Product order number	**ES7170dnMFP:** 45387314; **ES7170dfnMFP:** 45387414

Accessories (Order Numbers)

Paper Feeders	**2nd/3rd/4th paper tray:** 45479002; **Large Capacity Feeder:** 45393302
Castor base	45466602
Engineer installed options	**Fax:** 45036923; **Wireless:** 45517901; **Antenna:** 45518001
Security	**Data Overwrite enabler:** 45518101; **IPSec enabler:** 45518401; **IC Card reader (HID):** 45518501; **IC Card reader (Mifare):** 45518601
Open platform	**Meta scan enabler:** 45518201

Consumables (Order Numbers)

Toner cartridges* (36,000 pages)	**Black:** 45460503
Image drum* (72,000 pages)	**Black:** 45456303
Fuser unit (200,000 pages)	45435104
Convenience Stapler (3,000 staples)	45513301

* Toner: Number of A4 pages @ ISO/IEC 19752 coverage. Printer shipped with toner for 36,000 pages @ ISO/IEC 19752.

^Fax is optional engineer install
[1]Check local OKI Executive Series website for latest driver releases and OS compatibility;
[2]Windows only; [3]Including all consumables

Consumables Information: For the protection of your printer, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine OKI toner cartridges. These can be identified by the OKI trademark. Any other toner cartridge may not operate at all, even if it is described as "compatible", and if it does work, your printer's performance and print quality may be degraded.

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