

# ES9160 MFP/ ES9170 MFP Specifications

# OKI



## Superior A3 mono MFP with outstanding security features, ideal for large workgroups

**Productive, reliable, secure. The A3 mono multi-function products that meet all the needs of the most demanding workgroups or departments requiring high volume output.**

The ES9160 MFP and ES9170 MFP offer high performance, high capacity, security and seamless integration with document workflow, enabling departments to be their most productive and efficient.

### High performance for efficient productivity

The ES9160 MFP and ES9170 MFP have a number of paper output options including several finishers providing a variety of solutions to meet differing workgroup requirements. From simple A4 copies to A3 booklets, tab separators and distinct covers, hole punched, stapled, folded or saddle-stitched, a busy department's documents are easily created.

- A4 print/copy speeds up to 45ppm
- Time to first copy from 3.7 secs
- Standard paper supply of 1,200 sheets, including 100-sheet MPT, expandable up to 3,200 sheets
- Paper sizes from A5 to A3
- Print on stock from 64 to 280gsm
- Multiple finisher options including Saddle-Stitch, Multi-Staple and Inner
- High capacity 43.9k toner cartridge

### Enhanced efficiency through ease of use

Designed to be used by many, the intuitive touch screen can be customised for each and every user to ensure maximum productivity for all. The Menu function enables users to tailor the interface to their specific day to day needs resulting in more productive users and less errors, delays and lower costs.

- 9" (22.8cm) adjustable ergonomic colour touch screen
- Customisable Menu function with individual user set-up

### Flexible open architecture for simple integration into your document workflow

Thanks to their open architecture the ES9160 MFP and ES9170 MFP can be completely customised, enabling tailored software to be managed from the device providing a smoother, and greater process efficiency.

- Customisable open architecture for ease of integration
- 100-sheet RADF automatic duplex (double sided) scanning
- Scan preview to ensure the correct image is input to the workflow process
- E-filing stores commonly printed documents that are held in a personally identified box for easy retrieval
- Scanning in colour or black and white preserves the integrity of the original document

### Advanced security to protect your business

The ES9160MFP and ES9170MFP provide advanced security to preserve the confidentiality of sensitive data. Sophisticated user authentication prevents unauthorised access.

- Secure Hard Disk Drive
- Secure networking with SNMPv3, SSL-Encryption
- Copy protection
- Role Based Access Control
- Secure PDF
- Optional high level IEEE Std 2600 international security standard available

### Improving efficiency and your carbon foot print

With a wide range of eco features, the ES9160 MFP and ES9170 MFP help reduce energy consumption, environmental impact and ongoing costs.

- Consolidating multiple devices into one reduces consumable consumption and energy usage, saving you money and the environment
- Deep Sleep Mode - reduces standby power consumption to 1W
- Duplex printing, copying, scanning and faxing - reduces paper usage and enables printing in-house
- Energy Star compliant

## ES9160 MFP and ES9170 MFP - Mono Multifunction Products

PRINTER	
Print speed	<b>ES9160 MFP:</b> A4: 35ppm; A3: 25ppm <b>ES9170 MFP:</b> A4: 45ppm; A3: 25ppm
Time to first print	From 3.7 seconds
Warm up time	Approx. 20 seconds from low-power mode
Processor	PowerPC440 667MHz
SCANNER	
Resolution	Max. 600 x 600dpi
Speed	Up to 57spm (300x300dpi)
Colour depth	Output 24 bit (8 bit x 3 RGB)
Document input	Up to 100 sheet RADF & Platen
Contrast	9 Levels
Format	JPEG, TIFF-Multi/Single page, PDF-Multi/Single Page, Slim PDF, XPS-Multi/Single Page
Address book	LDAP & internal address book
Scan to	WS Scan, Scan to USB, Scan to E-Mail, Scan to File (SMB, FTP, FTPS, IPX/SPX, local), Scan to e-Filing, Meta Scan (option)
COPY	
First copy out	From 3.7 seconds
Speed	<b>ES9160 MFP:</b> A4: 35cpm; A3: 25cpm <b>ES9170 MFP:</b> A4: 45cpm; A3: 25cpm
Resolution	600dpi x 600dpi
Reduction / Enlargement	25-400% (platen), 25-200% (RADF) in 1% increments
Maximum copies	999
FAX (OPTIONAL)	
Connectivity	RJ11 x 2 (Line/Tel) PSTN
Speed	33.6kbps --2.4Kbps (automatic fallback)
Groups	Max. 200 groups, 400destinations/group
Broadcast	Max. 400 destinations
Page memory	Max. 100 jobs 2000 destination, Max 100 jobs 2000 destinations
INTERFACE AND SOFTWARE	
Connectivity	10/100/1000baseT, USB 2.0/Hi Speed USB (USB Host x 2: Device x 1)
Printer languages	PCL5e, PCL5c, PCL6, PS3, PDF, XPS
Network & protocols	10Base-T/100Base-TX Ethernet Card with internal Web Server for MFP and network card set-up and management. Includes POP3/APOP and SMTP Mail client for submission of print jobs and for alerts. All major network protocols supported - TCP/IP:- ARP, IPv4/v6, ICMPv4/v6, TCP, UDP, LPR, FTP, TELNET, HTTP(IPP), DHCP, SNMPv1/v3, DNS, Dynamic DNS, Secure DDNS, Bonjour, WINS, SSL/TLS, SMTP, POP3, SNTP, WSDPrint, JetDirect protocols, NetBIOSoverTCP, Kerberos, NetWare 6.5 with full NDS and NDPS support:- PServer, RPrinter, NDPS supported via Novell NDPS Gateway. Ethernal:- ELAP, AARP, DDP, AEP, NBP, ZIP, RTMP, ATP, PAP. NetBEUI:- SMB, NetBIOS. Other:- EAP.
OS Compatibility¹	Windows 7 (32-bit & 64-bit) / Vista SP1 & SP2 (32-bit & 64-bit) / XP SP3 32-bi / XP 64-bit / Server 2008 (32-bit & 64-bit) / Server 2003 (32-bit & 64-bit)/ Server 2008 R2 (64-bit); Mac OS X 10.2.8/10.3.9/10.4.11, 10.5.7, 10.6.7, 10.7.2 ; Linux Redhat 7.x ,8.x, 9.x / Redhat Enterprise WS2 / SuSE Linux v7.x, 8.x, 9.x / Mandrake v7.x, 8.x, 9.x / Turbo Linux 8, 10; Solaris v2.6, 2.7, 7.8, 8, 9, 10 / HP-UK v10.20, 11.x / AIX 4.3.3
Advanced networking & security	IPv6 Phase2, IEEE2600.1, IEEE 802.1x, IPsec², SNMPv3, SSL3/ TLS HTTPS encryption, Secure Erase³, Data Encryption³, MAC address filtering, IP address filtering, Secure Print
OPERATOR PANEL	
LCD Touch-screen	9" Backlight LCD touch screen & key top; 28 Hard Keys, 15 LED's
TYPEFACES	
Printer fonts	80 PCL fonts & 136 PostScript fonts, PCL Bitmap fonts, OCR-A/B, Barcode
PRINT QUALITY	
Resolution	600 x 600dpi, 8 bit

PAPER HANDLING				
Standard paper capacity	Tray 1/2: 550 sheets of 80gsm; <b>Multi-purpose tray:</b> 100 sheets of 80gsm; <b>RADF:</b> 100 sheets of 80gsm			
Options: paper capacity	<b>Paper Feeder Pedestal (PFP):</b> 550 sheets of 80gsm; <b>Drawer Module:</b> 550 sheets of 80gsm; <b>Large Capacity Feeder (LCF):</b> 2,000 sheets of 80gsm			
Maximum paper capacity	3,200 sheets of 80gsm			
Paper sizes	<b>Tray 1/2/PFP/Drawer Module:</b> A3, A4, A5, B4, B5; <b>LCF:</b> A4; <b>Multi-purpose tray:</b> A3, A4, A5 B4, B5, OHP. Support Custom size: Width 100-297mm Length 148-431.8mm; <b>RADF:</b> A3, A4, A5; <b>Duplex:</b> A3, A4, A5, B4, B5.			
Paper weight	<b>Tray 1/2/PFP/Drawer Module:</b> 64 to 256gsm; <b>LCF:</b> 64 to 105gsm; <b>Multi-purpose tray:</b> 64 to 280gsm; <b>RADF(Simplex):</b> 35 to 157gsm; <b>RADF(Duplex):</b> 50 to 157gsm; <b>Duplex:</b> 64 to 256gsm			
Duplex & RADF	Standard			
Paper output	550 sheets of 80gsm			
Options: paper output	<b>Inner Finisher:</b> 2 trays, 600-sheet capacity; <b>Multi-Stapling Finisher:</b> 2 trays, 2,250-sheet capacity; <b>Saddle-Stitch Finisher:</b> 1 tray, 1,000-sheet capacity; <b>Saddle-Stitch Finisher:</b> 2 trays, 3,250-sheet capacity			
GENERAL FEATURES				
Memory	<b>Standard RAM:</b> 1.5GB; <b>Maximum RAM:</b> 1.5GB <b>Standard Hard Disk Drive:</b> 80GB			
Environment	<b>Operating temperature/humidity:</b> 10°C to 30°C / 20% to 85% RH <b>Storage temperature/humidity:</b> -10°C to 35°C / less than 85% RH (w/ supplies)			
Power supply	Single phase 220–240VAC, frequency 50/60Hz			
Power consumption	<b>Max:</b> 1500W; <b>Deep sleep:</b> <1.0W			
Noise level	<b>Operating:</b> <72.8dB(A); <b>Standby:</b> <51dB(A); <b>Power save:</b> Background level (with full options)			
Dimensions (HxWxD)	1171 x 699 x 742mm (With RADF & LCF)			
Weight⁴	159kg (With RADF & LCF)			
Warranty	1 year standard parts warranty			
Product order number	<b>ES9160 MFP with PFP:</b> 01329201; <b>ES9160 MFP with LCF:</b> 01329202; <b>ES9160 MFP with Cabinet:</b> 01329203 <b>ES9170 MFP with PFP:</b> 01329204; <b>ES9170 MFP with LCF:</b> 01329205; <b>ES9170 MFP with Cabinet:</b> 01329206			
ACCESSORIES (ORDER NUMBERS)				
Paper Feeders / Furniture	<b>PFP:</b> 45011501; <b>LCF:</b> 45011601; <b>Drawer Module:</b> 45011701; <b>Cabinet:</b> 45012101			
Fax	<b>Fax board:</b> 44954902; <b>2nd line fax unit:</b> 44955102			
RADF / Platen Cover	<b>RADF:</b> 44953601; <b>Platen Cover:</b> 45010801			
Connectivity	<b>Wireless LAN Module:</b> 44955301; <b>Anntena:</b> 44955501; <b>Blue Tooth Module:</b> 44955402			
Card Reader	<b>HID:</b> 44982901; <b>Mifare:</b> 44983001			
Enablers	<b>Data Overwrite:</b> 44955201; <b>IPSec:</b> 44983101; <b>Meta scan:</b> 45113401; <b>External interface:</b> 45113501			
Other options	<b>Work Tray:</b> 44954701; <b>Bridge Kit:</b> 45011801; <b>Job Separator:</b> 45011901			
OTHER OPTIONS (ORDER NUMBERS)				
Hole Punch Units	Finisher Units			
	Inner: 45010901	Saddle-Stitch, 1 tray: 45011101	Multi- Stapling: 44953801	Saddle-Stitch, 2 trays: 44953901
	2, 4 and Swedish: 44954202/3/4		x	x
	2, 4 and Swedish: 45011202/3/4	x		
2, 4 and Swedish: 45011402/3/4		x		
CONSUMABLES (ORDER NUMBERS)				
Toner cartridges* (43,900 pages)	Black: 45008802			

\*Toner: Number of A4 pages @ 5% coverage.

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<sup>1</sup>Check local OKI Executive Series website for latest driver releases and OS compatibility; <sup>2</sup>Optional IPsec Enabler required; <sup>3</sup>Optional Disk Overwrite Kit required; <sup>4</sup>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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