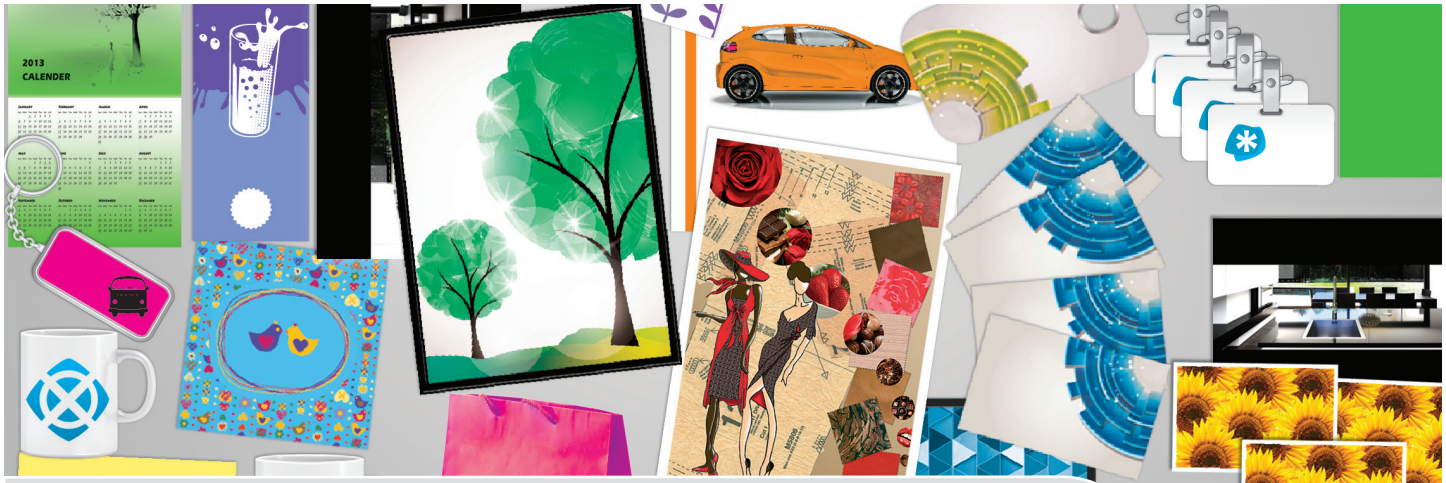
Pro9431dn Specifications



A3 colour printer for professional quality output and unrivalled media flexibility

The Pro9431dn has been designed to meet the needs of the graphic arts and creative industries and is also well suited to general office applications, removing the need for two printers. Built to offer essential levels of high quality output, the Pro9431dn is robust and reliable, which are key requirements in these demanding markets.

The Pro9431dn is fully compatible with EFI Fiery XF 5.0 server which enables advanced colour management, including spot and process colours, optimising colour depth and print quality.

Stunning high definition colour

The Pro9431dn uses digital LED technology and our Multi-Level ProQ technology to produce high definition printing in the sharpest and most vibrant print output available.

- Superb print resolution of 1200 x 1200dpi
- Multi-Level ProQ technology enhances colour print output
- Fully compatible with EFI Fiery® XF for advanced colour management

Low total cost of ownership

The Pro9431dn delivers significant cost savings against comparative printers, combining a highly competitive capital cost with ultra-high capacity toner cartridges.

- Highly competitive initial capital cost
- Reduced operating costs through ultra-high capacity toner cartridges and drums
- Separate toners and drums for reduced wastage
- Energy efficient for reduced energy usage
- Three year on-site warranty on registration of your product within 30 days

Speed that you can rely upon

High print speeds with stunning high definition output that cannot be beaten.

- Time to first print less than 8 seconds
- A3 print speeds of 28ppm in colour/mono (up to 50ppm in colour/mono for A4)
- 2GB RAM and 1.2GHz processor for rapid throughput

Media flexibility to beat all others

The Pro9431dn beats the competition hands down when it comes to media flexibility, printing a complete range of media in-house.

- Widest paper handling - A6 to SRA3 and banner lengths up to 1.3m
- Print on paper stock up to 360gsm single sided and 320gsm duplex
- Prints on a wide range of media including gloss paper, film, transfer paper, waterproof paper and more
- 530 sheet tray as standard, up to 2,950 sheets with optional trays
- Robust 300 sheet multi-purpose tray for added flexibility
- Duplex printing as standard

A3/A4	✔
Colour/Mono	✔
Prints A6 to 1321mm, up to 360gsm	✔
1 - 30+ users	✔

Pro9431dn - Colour and Mono Printer

Printer

Print speed	**A4**: 50ppm colour, 50ppm mono; **A3**: 28ppm colour, 28ppm mono
Time to first print	8 seconds colour, 8 seconds mono
Warm up time	50 seconds or less from power on
Processor speed	1.2GHz

Interface and Software

Connectivity	Hi-Speed USB 2.0, 10Base-T/100Base-TX/1000Base-T
Printer languages	PCL5c, PCL6 (PCL XL), Adobe PostScript 3 with direct PDF Printing (v1.7), XPS, SIDM
Network & protocols	All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IP: IPv4/v6, ICMP, ICMPv6, IGMP, IGMPv2, LPR, Port9100, IPP, IPPS, FTP, FTP over SSL, HTTP, HTTPS, TELNET, IPP, Auto IP, LLTD, BOOTP, DHCP, SNMPv1/v3, SNMP Trap, DNS, DDNS, UPnP, Bonjour, WINS, SSL/TLS, SMTP, SMTP over SSL, POP3, SNTP, JCDP, FLDP, ODNSP, WSDPrint, WSD-Discovery, Web JetAdmin, NetBIOS over TCP, EtherTalk
OS Compatibility[1]	Windows Vista (32-bit & 64-bit) / XP (32-bit & 64-bit) / Server 2003 (32-bit & 64-bit) / Server 2008 (32-bit & 64-bit) / Server 2008 R2 (64-bit) / Windows 7 (32-bit & 64-bit) / Server 2012 (64-bit) / Windows 8 (32-bit & 64-bit); Mac OS9 / OS X 10.3.9 - 10.9
Advanced networking and security	IPv6, 802.1x authentication, SMTP Server Authentication, SNMPv3, SSL3/TLS encryption, HTTPS encryption, Protocol On/Off, Protocol Port No. Change, MAC filtering, IP filtering, IP Sec, EAP-PEAP, EAP-TLS, Secure Erase[3], Secure Print[3], Secure Print Job Encryption[3], Storage Devices entire Encryption[3], Storage(HDD) Initialize (format)[3]
Utility suite[1]	Print Job Accounting[2], Print Job Accounting Enterprise[2], Print Job Accounting Client, PrintSuperVision.net[2], Template Manager[2], Color Correct, Color Swatch[2], Configuration Tool, PS Gamma Adjuster, Profile Assistant (Mac Only), PDF Direct Print, EFI Fiery XF Server Option (External color management server).

Typefaces

Printer fonts	87 scalable PCL fonts, Lineprinter/OCR-A/OCR-B/USPSZIP bit-map fonts, 10 TrueType fonts, 136 Adobe PostScript Type 1 fonts
Barcode	UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved 2of5, Code39, Code128, EAN/UCC-128, CODABAR, ZIP+4 POSTNET: PDF417/QR code 2D barcodes

Print Quality

Resolution	ProQ4800 Multi-level technology, 1200 x 1200dpi
Enhancements	Auto Colour Balance, Auto Registration, Auto Media Detect

Paper Handling

Paper capacity	Tray 1: 530 sheets of 80gsm; Multi-purpose tray: 300 sheets of 80gsm
Paper capacity optional trays	Tray 2: 530 sheets of 80gsm; Tray 3: 530 sheets of 80gsm; High Capacity Feeder: 1,590 sheets of 80gsm
Maximum paper capacity	2,950 sheets of 80gsm
Paper sizes	Tray 1/2/3: A3, SRA3 (up to 330 x 457mm), SRA4, A4, A5, A6, B4, B5, B6; Multi-purpose tray: A3, SRA3, SRA4, A4, A5, A6, B4, B5, B6 Custom size: Width 64 - 330mm Length 89 - 1,321mm; High Capacity Feeder: A3, SRA3 (up to 328 x 457mm), SRA4, A4, A5, A6, B4, B5, B6
Paper weight	Tray 1/2/3: 52 to 320gsm; Multi-purpose tray: 52 to 360gsm; Duplex: 64 to 320gsm; High Capacity Feeder: 52 to 320gsm
Duplex	Standard
Paper output	610 sheets face down tray, 300 sheets face up tray

Operator Panel

Display	10.9cm Colour Graphic LCD (480x272 dots)

General Features

Memory	**Standard RAM:** 2GB; **Maximum RAM:** 2GB
	Optional Hard Disk Drive: 160GB
Environment	**Operating temperature/humidity:** 10°C to 32°C (17°C to 27°C recommended) / 20% to 80% RH (50% to 70% RH recommended)
	Storage temperature/ humidity: -10°C to 43°C, 10% to 90% RH
Power supply	Single phase 230V AC +/-10%, frequency 50/60Hz +/- 2%
Power consumption	**Typical:** 1100W; **Max:** 1600W; **Idle:** 40W (average); **Power Save:** <34W; **Deep Sleep:** <4W; **Off Mode:** <0.5W
Noise level	**Operating:** 57dB(A); **Standby:** 34dB(A) or less; **Power save:** Inaudible
Dimensions (HxWxD)	640 x 699 x 625mm
Weight[4]	97.6kg
Duty cycle	**Average:** 25,000 pages/month; **Maximum:** 300,000 pages/month
Warranty	3 years extended warranty upon registration within 30 days of purchase
Product order number	**Pro9431dn:** 45530407

Accessories (Order Numbers)

2nd/3rd paper tray	45530703
2nd/3rd paper tray with castor	45530903
High Capacity Feeder	45530803
Hard Disk Drive	**160GB:** 44622302
EFI Fiery XF 5.0	Contact Oki for more information
Cabinet	45980001

Consumables (Order Numbers)

Toner cartridge* (42,000 pages)	**Cyan:** 45536555; **Magenta:** 45536554; **Yellow:** 45536553
Toner cartridge* (51,000 pages)	**Black:** 45536556
Image drums (40,000 pages)**	**Cyan:** 45103721; **Magenta:** 45103720; **Yellow:** 45103719; **Black:** 45103722
Transfer Belt (150,000 pages)	45531213
Fuser Unit (150,000 pages)	45531113
Waste Toner Box (40,000 pages)	45531503

*Toner: Number of A4 pages @ ISO coverage. Printer shipped with toner for 24,000 pages @ ISO.
**Drum: Average number of A4 pages printed.

[1]Check local OKI website for latest driver releases and OS compatibility; [2]Windows only; [3]HDD required; [4]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.

3 Year On-Site Warranty

Our devices are manufactured to the highest standards of quality and technology, which has been confirmed by independent tests. We are so convinced of the high quality of our products that we are offering you an extension of the standard warranty period to 3 years at no extra cost. Simply register your product within 30 days of purchase to be eligible for our unique all inclusive offer.
For further information please visit: **WWW.OKIWARRANTY.COM/3YEAR**
Without registration, the standard pan-European 1 year warranty applies.

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