B720 Specifications

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PRINTING SOLUTIONS

Business printing performance you can rely on
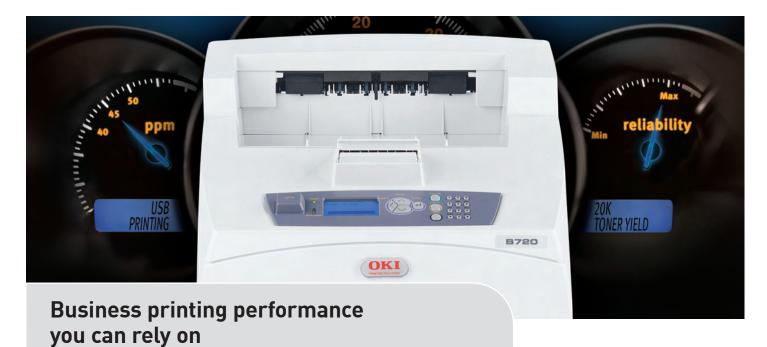
The B720 A4 mono printer brings fast, reliable and affordable printing to the busy large-sized workgroup. The B720 combines advanced security, management and performance with robust and durable technology offering speeds of 45 pages per minute (ppm) for improved office efficiency.

The B720 improves large workgroup productivity through fast print speeds, effective network management and reduced user intervention. Combine this with a low total cost of ownership, simple network integration and an intuitive control panel with a 5-line LCD back-lit display, you get a printer that offers complete versatility in any working environment.

Fast and affordable printing
The B720 prints a quick 45ppm and not only has a class-leading combination of high standard RAM memory (128MB) and fast processing power, but also offers two input trays as standard (700 sheets) for flexible media handling, which can be expanded up to 1,800 sheets. The optional Offset Catch Tray can be added to ease job separation.

The B720 is also fully compatible with PCL/PostScript and its 1,200 x 1,200dpi resolution ensures pin-sharp output every time – a must for all customer facing documents and output.

Low total cost of ownership
Bringing affordable printing closer to the workgroup, the B720 combines low hardware costs with a high yield toner cartridge up to 20, 000 pages reducing both your capital and consumables costs. The single consumable is changed in seconds ensuring the printer is always 'ready' for business critical processes. The B720 delivers a reduced total cost of ownership and will continue to provide value for money and reliable printing now and in the future.

Easy management and simple security
Printing securely and protecting sensitive information has never been easier. The B720 allows you to print securely using a pin number, which can be entered through a numeric keypad to release the job. This simple to use system

ensures that only people selected by you, can access your sensitive documents for print. The PrintSuperVision network management software enables control and visibility over the network, to maintain the printers in optimal condition and ready to print always. For even faster performance a 1Gigabit network card can be added as an option. The integrated USB port allows PDF files to be printed direct from a USB stick for added flexibility.

Built to last
The B720 is designed to perform in the most demanding environments. The robust design and innovative technology not only delivers outstanding reliability but also offers you consistently high quality print over and over again.

Saving money and energy
Built to meet Energy Star and Blue Angel certification, the B720 is kind to the environment, providing energy savings, reducing costs and CO_2 emissions. The duplex model will also reduce paper usage significantly.

A4	✔
Range of media handling	✔
Mono	✔
Print	✔
1-30 users	✔

Variants available:
B720n
networked
B720dn
duplex, networked

B720 - Mono Printers

Printer

A4 Print speed	45ppm
Time to first print	8 seconds
Warm up time	Up to 38 seconds from power on & up to 25 seconds from power save
Processor speed	600MHz

Interface and Software

Connectivity	IEEE1284 Bi-directional parallel, Hi-Speed USB 2.0, 10/100BaseTXEthernet, RS-232C Serial, Host USB Port for direct printing of PDF
Printer languages	PCL6, PCL5e, Adobe®PostScript3, SIDM (Epson FX), Direct PDF printing
Network & protocols	10/100Base TX Ethernet card with internal web server for printer and network card set-up and management. Includes SMTP mail client for alerts. All major network protocols supported: TCP/IP : IPv4, IPv6, ICMP, ARP, RARP, DHCP/BOOTP, "Port 9100", LPR/LPD, Apple Bonjour (mDNS), Dynamic DNS, DNS/WINS, HTTP, SMTP, POP3, FTP, SNMPv1/v2/v3, Ethertalk, Netware IPX/SPX, Network Security Protocols : IPSec, 802.1x Wired Authentication: EAP-MD5, PEAP, EAP-TLS
OS Compatibility[1]	Windows 2000 / XP Home / XP Professional (32-bit & 64-bit) / Vista (32-bit & 64-bit) / 7 (32-bit & 64-bit) / Server 2003 (32-bit & 64-bit) / Server 2008 (32-bit & 64-bit); Mac OS X 10.2 - 10.6
Utility suite[1]	Template Manager[2], PrintSuperVision, OKI LPR[2], PDF Print Direct, Secure Print, Storage Device Manager[2&3], Status Monitor[2]

Paper Handling

Paper capacity	**Tray 1:** 150 sheets of 80gsm; **Tray 2:** 550 sheets of 80gsm
Paper capacity optional tray	**Tray 3:** 550 sheets of 80gsm; **Tray 4:** 550 sheets of 80gsm
Maximum paper capacity	1,800 sheets of 80gsm
Paper sizes	**Tray 1:** A4, A5, A6, B5, Letter, Legal 13 & 14, Oficio, Executive, Statement, Banner size: 210 x 900, 210 x 1200, Custom size: Width 76-215mm Length 127-1219mm, Envelopes: Com-9, Com-10, DL, C5, Monarch; **Tray 2/3/4:** A4, A5, A6, B5, Letter, Legal 13 & 14, Oficio, Executive, Statement, Custom size: Width 98-215mm Length 148-355mm, Envelopes: Com-9, Com-10, DL, Monarch; **Duplex:** A4, A5, A6, B5, Letter, Legal 13 & 14, Executive, Statement, Custom size: Width 88-215mm Length 139-355mm
Paper weight	**Tray 1/2/3/4:** 64 to 216gsm; **Duplex:** 64 to 216gsm
Duplex	**Standard:** B720dn; **Optional:** B720n
Paper output	**Face down:** 500 sheets of 80gsm; **Face up:** 70 sheets of 80gsm
Optional output tray	**Offset catch tray:** 500 sheets of 80gsm

Typefaces

Printer fonts	**PCL:** 99 scalable PCL and 1 bitmap font; **PostScript 3:** Adobe Standard 136
Dot matrix fonts	Epson FX
Barcode	11 types of one dimension with 28 variations: UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved2of5, Code39, Code 128, EAN/UCC-128, CODABAR, ZIP+4POSTNET

Print Quality

Resolution	600 x 600dpi, 1200 x 1200dpi

General Features

Memory	**Standard RAM:** 128MB; **Maximum RAM:** 640MB
	Flash Memory: 40MB on board for storage of fonts, form and macros
	Optional Compact Flash Memory: up to 1024MB
Environment	**Operating temperature/ humidity:** 5°C to 35°C/ 15% to 85% RH non-condensing
	Storage temperature/ humidity: 0°C to 35°C/ 15% to 80% RH non-condensing
Power supply	230VAC +/- 10%, 50 or 60Hz +/- 2%
Power consumption	**Typical:** 904W; **Max:** 1200W; **Stand-by:** 169W; **Power Save:** 10.3W
Noise level	**Operating:** 64dB(A) or less; **Standby:** 30dB(A) or less; **Power save:** Background level (including all available options)
Dimensions (HxWxD)	**B720n:** 404 x 422 x 465mm; **B720dn:** 404 x 422 x 572mm
Weight[4]	**B720n:** 21.1kg; **B720dn:** 23.2kg
Duty cycle	**Maximum:** 200,000 pages/month; **Recommended:** 5,000 - 17,000 pages/month
Warranty	1 year
Product order numbers	**B720n:** 01278401; **B720dn:** 01278501

Accessories (Order Numbers)

Duplex	01279401 (Standard on B720dn)
3rd/4th tray	01279501
Offset catch tray	01279601
1 Gigabit Ethernet Card	09004584
Memory	**512MB:** 09004629
Compact Flash Memory	**1GB[5]:** 09004634
Hard Disk Drive	**40GB[5]:** 09004630

Consumables (Order Numbers)

Black print cartridge* (15,000 pages)	01279001
Black print cartridge* (20,000 pages)	01279101

*Number of A4 pages yield compliant with ISO/IEC 19752. Printer shipped with toner for 10,000 pages yield compliant with ISO/IEC 19752

[1]Check local OKI Printing Solutions website for latest driver releases and OS compatibility; [2]Windows only; [3]Hard Disk Drive required; [4]Including all consumables; [5]Minimum specification, subject to change

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 Printing Solutions 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.

ENERGY STAR

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