B700 Series Specifications



Enterprise class A4 mono printers for improved business efficiency

The B700 Series A4 mono printers bring fast, reliable printing to the busy workgroup. The B700 Series combine advanced security, management and performance with robust and durable technology offering speeds of up to 52 pages per minute (ppm) for improved office efficiency.

The B700 Series improves workgroup productivity with a fast processor to tackle high volume print jobs, a maximum input capacity of 3,160 sheets and high yield cartridges for less user intervention. Reliable high performance with up to 200k monthly duty cycle, you get a printer that offers complete versatility to handle a variety of media in any working environment.

Robust and efficient

The B700 Series has been designed to deliver an extensive range of high value features as standard.

Improving business productivity

- Up to 52ppm print speed and time to first print, less than 5 seconds
- Duplex as standard, for in-house professional printing
- Paper capacity of up to 3,160 sheets
- Up to 200k monthly duty cycle
- High yield toner cartridge up to 36k reducing capital and consumable costs
- Three year on-site warranty on registration of your product within 30 days^

Fast Processing

- 800MHz processor and 256MB RAM memory
- Optional 160GB HDD
- 10/100/1000 baseT Ethernet

Excellent print quality

- 1200 x 1200dpi print resolution ensures pinsharp output every time
- Flexible media handling - up to 253gsm and 1.3m banners

Highest level document and data security

Including security and encryption to the highest industry standards, the B700 Series provides sophisticated user authentication that prevents unauthorised access and protects your corporate data.

- Secure Print job encryption
- SNMPv3 and IPSec secure networking
- 802.1X network protocol and IP/MAC filtering access control
- PIN access control
- Secure Print with PIN

Reducing your impact on the environment

OKI technology and in-built eco features ensure that the B700 Series is both efficient and environmentally friendly.

- Double-sided printing for reduced paper usage
- High capacity toner cartridges
- Toner save function
- 1.5W or less in Deep Sleep mode (B721dn)
- Energy Star certified

Mobile printing

Print effortlessly from your smartphone or tablet. This printer is compatible with AirPrint* by Apple Inc, enabling you to print without having to connect directly to a printing device.

*Firmware upgrade maybe required.

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

BLI BUYERS LAB 2014 PICK

Oki Data Corporation
B731dn
Outstanding A4 Monochrome Printer for Large Workgroups

Variants available:
B721dn
duplex, networked
B731dn
duplex, networked



B721dn and B731dn - Mono Printers

Print

A4 Print speed	**B721dn:** 47ppm; **B731dn:** 52ppm
Time to first print	Less than 5 seconds
Warm up time	25 seconds or less from power on, 19 seconds or less from power save
Processor speed	800MHz

Print Quality

Resolution	1200 x 1200dpi, 600 x 600dpi

Typefaces

Printer fonts	Scalable: 87 PCL fonts & 136 PostScript fonts, Line Printer, OCR-A/B, USPS ZIP Barcode
Dot matrix fonts	Epson FX, IBM-PPR
Barcode	10 types of one dimension with 26 variations: UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved2of5, Code39, Code 128, EAN/UCC-128, CODABAR, ZIP+4POSTNET; 2 types of two dimensions: PDF417, QRcode

Interface and Software

Connectivity	10/100/1000 baseT, High Speed USB x 2 (1x type A & 1x type B)
Printer languages	PCL5e, PCXL, Postscript 3 Emulation, XPS, Epson FX, IBM PPR
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, Net Bios over TCP, SMTP, HTTP, HTTPS, SNMPv1&v3, DHCP, DNS, IPP, IPPS, BOOTP, DDNS, WINS, UPnP, SNTP, IGMP, IGMPv2, ICMP, IMCPv6, LPR, Port9100, FTP, Telnet, Bonjour, LLTD, Web Service for Devices, AirPrint.
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); Mac OS X 10.4/10.5/10.6/10.7/10.8; PPDs for Linux/Unix
Utility suite[1]	Print Job Accounting[2], Print Job Accounting Client[2], PrintSuperVision.NET[2], Template Manager[2], Universal PCL Print Driver, Storage Backup Utility, Configuration Tool, OKI LPR Utility, PDF Direct Print

Security

Device Security	IP Filtering, MAC Filtering, IPSec, Secure Print, Secure Print job encryption, SMTP server authentication, SNMPv3, SSL/TLS Encryption, Port Change, Storage Device Encryption, Secure Erase, Disable Host USB feature, Protocol ON/OFF
Certification	CE Mark, Energy Star, GS Mark

Paper Handling

Standard Paper capacity	**Tray 1:** 530 sheets of 80gsm; **Multi-purpose tray:** 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**: 2,000 sheets of 80gsm
Paper Input capacity	**Standard**: Up to 630 sheets of 80gsm; **Maximum**: Up to 3,160 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), Supports custom size: Width 76-216mm Length 127-1321mm; **Duplex**: A4, B5. Supports custom size: Width 148-216mm 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 253gsm; **Duplex:** 64 to 220gsm
Duplex	Standard
Paper output	Face up: 100 sheets of 80gsm, Face down: 500 sheets of 80gsm

General Features

Memory	**Standard RAM:** 256MB; **Maximum RAM:** 768MB
	Optional HDD: 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 220–240VAC, frequency 50/60Hz +/- 2%
Power consumption	**Typical:** 800W (B721dn), 850W (B731dn); **Max:** 1400W; **Idle:** 95W; **Power Save:** 19W (B721dn), 22W (B731dn); **Deep Sleep:** 1.5W or less (B721dn), 3.9W or less (B731dn)
Noise level	**Operating:** 55dB(A) or less (B721dn), 57dB(A) or less (B731dn); **Quiet Mode:** 53dB(A); **Standby:** 30dB(A); **Power save:** Background level
Dimensions (HxWxD)	410 x 435 x 498mm
Weight[3]	27kg approx
Duty cycle	**Average:** 20,000 pages/month (B721); 15,000 to 30,000 pages/month (B731dn); **Maximum:** 200,000 pages/month
Warranty	3 years extended warranty upon registration within 30 days of purchase^
Product order number	**B721dn:** 45487002; **B731dn:** 45487103

Accessories (Order Numbers)

Paper Feeders	**2nd/3rd/4th paper tray**: 45478902; **Large Capacity Feeder**: 45530102
Castor base	45478702
Hard Disk Drive	**160GB:** 44622305
Memory	**512MB:** 44302207

Consumables (Order Numbers)

Print cartridge* (25,000 pages)	45488903 (B721/B731)
Print cartridge* (36,000 pages)	45439003 (B731)
Fuser unit (200,000 pages)	45435104

*Toner: Number of A4 pages @ ISO/IEC 19752 coverage.
Printer shipped with toner for 10,000 pages @ ISO/IEC 19752.

[1]Check local OKI 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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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 to you. Simply register your product within 30 days of purchase to be eligible for our unique all inclusive offer. Fully covered by OKI! For further information please visit: **http://warranty.oki.com.au** (Australia) or **http://warranty.oki.co.nz** (New Zealand). Without registration, the standard 1 year warranty applies.

ENERGY STAR

AirPrint

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