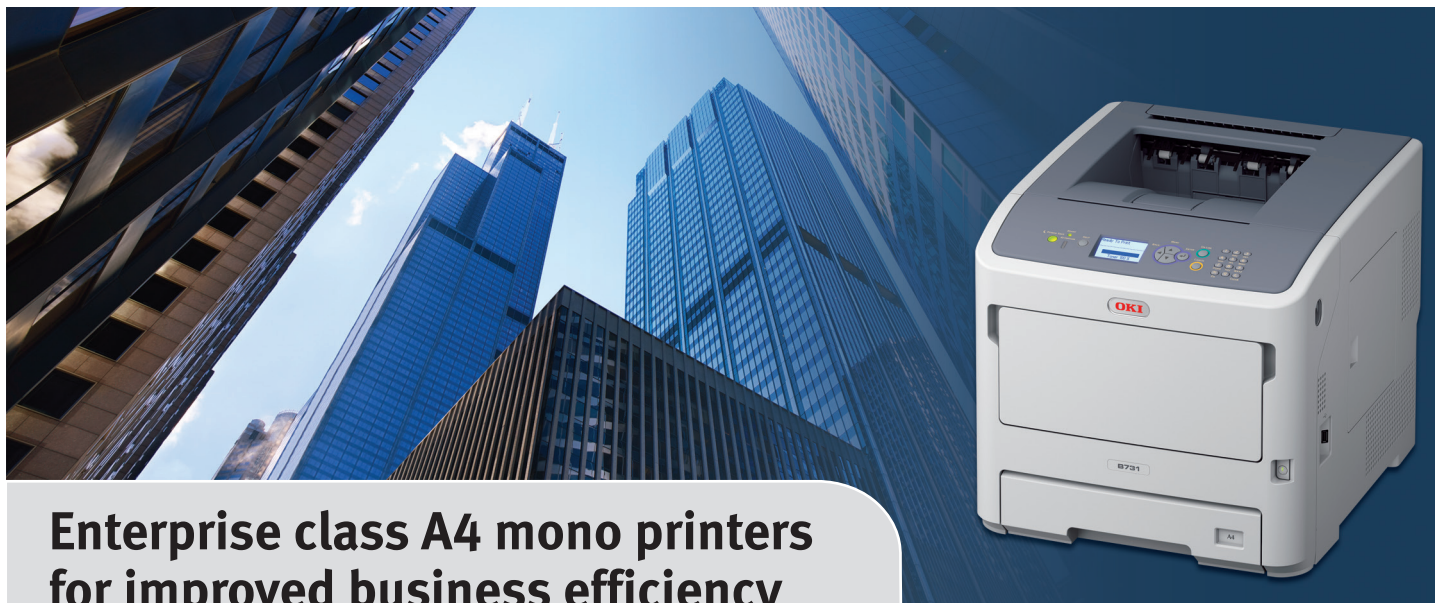


# B700 Series Specifications

# OKI



## 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 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.

And, for added versatility the B731dnw offers wireless connection that allows you to place your printer wherever is most convenient.

### 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
- Wireless connectivity as standard (B731dnw)
- 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, Cortado Workplace and ePrint by Microtech Corp, enabling you to print where ever you are, without having to connect directly to a printing device.

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

**Variants available:**  
**B721dn**  
duplex, networked  
**B731dnw**  
duplex, networked,  
wireless



## B721dn and B731dnw - Mono Printers

PRINT	
<b>A4 Print speed</b>	<b>B721dn:</b> 47ppm; <b>B731dnw:</b> 52ppm
<b>Time to first print</b>	Less than 5 seconds
<b>Warm up time</b>	25 seconds or less from power on (B721dn), 60 seconds from power on (B731dnw), 19 seconds or less from power save (B721dn, B731dnw)
<b>Processor speed</b>	800MHz
PRINT QUALITY	
<b>Resolution</b>	1200 x 1200dpi, 600 x 600dpi
TYPEFACES	
<b>Printer fonts</b>	Scalable: 87 PCL fonts & 136 PostScript fonts, Line Printer, OCR-A/B, USPS ZIP Barcode
<b>Dot matrix fonts</b>	Epson FX, IBM-PPR
<b>Barcode</b>	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, QR code
INTERFACE AND SOFTWARE	
<b>Connectivity</b>	<b>B721dn:</b> 10/100/1000 baseT, High Speed USB x 2 (1x type A & 1x type B) <b>B731dnw:</b> 10/100/1000 baseT, High Speed USB x 2 (1x type A & 1x type B), Wireless LAN 802.11b/g/n,
<b>Printer languages</b>	PCL5e, PCXL, Postscript 3 Emulation, XPS, Epson FX, IBM PPR
<b>Network &amp; protocols</b>	<b>B721dn, B731dnw:</b> All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IP v4&v6, Net Bios over TCP, SMTP, HTTP, HTTPS, SNMPv1&v3, DHCP, DNS, IPP, IPPS, BOOTP, DDNS, WINS, UPnP, SNT, IGMP, IGMPv2, ICMP, IMCPv6, LPR, Port9100, FTP, Telnet, Bonjour, LLTD, Web Service on Devices, AirPrint; <b>B731dnw:</b> Wireless LAN Protocol (IEEE802.11b, IEEE802.11g, IEEE802.11n, Infrastructure Mode, WEP, WPA(TKIP), WPA2(AES), WPS-PBC, WPS-PIN, Open system authentication, Shared key authentication, IEEE802.1x authentication)
<b>OS Compatibility<sup>1</sup></b>	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
<b>Utility suite<sup>1</sup></b>	Print Job Accounting <sup>2</sup> , Print Job Accounting Client <sup>2</sup> , PrintSuperVision.NET <sup>2</sup> , Template Manager <sup>2</sup> , Universal PCL Print Driver, Storage Backup Utility, Configuration Tool, OKI LPR Utility, PDF Direct Print
SECURITY	
<b>Device Security</b>	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
<b>Certification</b>	CE Mark, Energy Star, GS Mark

PAPER HANDLING	
<b>Standard Paper capacity</b>	<b>Tray 1:</b> 530 sheets of 80gsm; <b>Multi-purpose tray:</b> 100 sheets of 80gsm
<b>Optional Paper capacity</b>	<b>Tray 2:</b> 530 sheets of 80gsm; <b>Tray 3:</b> 530 sheets of 80gsm; <b>Tray 4:</b> 530 sheets of 80gsm; <b>Large Capacity Feeder:</b> 2,000 sheets of 80gsm
<b>Paper Input capacity</b>	<b>Standard:</b> Up to 630 sheets of 80gsm; <b>Maximum:</b> Up to 3,160 sheets of 80gsm
<b>Paper sizes</b>	<b>Tray 1:</b> A4, A5, B5; <b>Tray 2/3/4:</b> A4, A5, B5; <b>Large Capacity Feeder:</b> A4; <b>Multi-purpose tray:</b> A4, B5, A5, A6. Envelopes (Com-9, Com10, DL, C5), Supports custom size: Width 76-216mm Length 127-1321mm; <b>Duplex:</b> A4, B5. Supports custom size: Width 148-216mm Length: 210-356mm
<b>Paper weight</b>	<b>Tray 1:</b> 64 to 220gsm; <b>Tray 2/3/4:</b> 64 to 220gsm; <b>Large Capacity Feeder:</b> 64 to 220gsm; <b>Multi-purpose tray:</b> 64 to 253gsm; <b>Duplex:</b> 64 to 220gsm
<b>Duplex</b>	Standard
<b>Paper output</b>	Face up: 100 sheets of 80gsm, Face down: 500 sheets of 80gsm

GENERAL FEATURES	
<b>Memory</b>	<b>Standard RAM:</b> 256MB; <b>Maximum RAM:</b> 768MB <b>Optional HDD:</b> 160GB
<b>Environment</b>	<b>Operating temperature/ humidity:</b> 10°C to 32°C (17°C to 27°C recommended) / 20% to 80% RH (50% to 70% RH recommended) <b>Storage temperature/ humidity:</b> -10°C to 43°C / 10% to 90% RH
<b>Power supply</b>	Single phase 220-240VAC, frequency 50/60Hz +/- 2%
<b>Power consumption</b>	<b>Typical:</b> 800W (B721dn), 850W (B731dnw); <b>Max:</b> 1400W; <b>Idle:</b> 95W; <b>Power Save:</b> 19W (B721dn), 22W (B731dnw); <b>Deep Sleep:</b> 1.5W or less (B721dn), 3.9W or less (B731dnw)
<b>Noise level</b>	<b>Operating:</b> 55dB(A) or less (B721dn), 57dB(A) or less (B731dnw); <b>Quiet Mode:</b> 53dB(A); <b>Standby:</b> 30dB(A); <b>Power save:</b> Background level
<b>Dimensions (HxWxD)</b>	410 x 435 x 498mm
<b>Weight<sup>3</sup></b>	27kg approx
<b>Duty cycle</b>	<b>Average:</b> 20,000 pages/month (B721); 15,000 to 30,000 pages/month (B731dnw); <b>Maximum:</b> 200,000 pages/month
<b>Warranty</b>	3 years extended warranty upon registration within 30 days of purchase
<b>Product order numbers</b>	<b>B721dn:</b> 01334001; <b>B731dnw:</b> 01334101

ACCESSORIES (ORDER NUMBERS)	
<b>Paper Feeders</b>	<b>2nd/3rd/4th paper tray:</b> 45478902; <b>Large Capacity Feeder:</b> 45530102
<b>Castor base</b>	45478702
<b>Hard Disk Drive</b>	<b>160GB:</b> 44622305
<b>Memory</b>	<b>512MB:</b> 01182908

CONSUMABLES (ORDER NUMBERS)	
<b>Print cartridge* (18,000 pages)</b>	45488802 (B721/B731)
<b>Print cartridge* (36,000 pages)</b>	45439002 (B731)
<b>Maintenance Kit (200,000 pages)</b>	45435104

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

<sup>1</sup>Check local OKI website for latest driver releases and OS compatibility; <sup>2</sup>Windows only; <sup>3</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.



### 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 three 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.oki.co.uk/warranty](http://www.oki.co.uk/warranty) or [www.oki.ie/warranty](http://www.oki.ie/warranty). Without registration, the standard pan-European 1 year warranty applies.



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# OKI

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