# B412dn Specifications







## Affordable, professional, A4 mono printing

**The compact design of the B412dn brings fast, high quality black and white printing to the desktop of even the most cost conscious user. This high performance printer delivers documents fast and incorporates many time and money saving features including a high capacity toner option to keep running costs low. Ultra-reliable digital LED technology and the peace of mind of OKI Europe's industry leading three-year warranty means there is no need to compromise.**

### Performance to improve productivity

Fast warm-up times, high speed processor and large memory enables the B412dn to power through high or low volume print jobs with ease. With Gigabit Ethernet as standard and an optional Wireless interface, sharing is made easy.

- Time to first print, less than 5 seconds
- A4 print speeds of up to 33ppm
- 667MHz processor and 512MB RAM + 3GB eMMc memory
- 10/100/1000 Ethernet
- Optional Wireless LAN 802.11a/b/g/n

### High quality, versatile printing

The B412dn offers flexible media handling, digital LED print quality and the versatility to meet your businesses needs.

- From A6 to A4 and banners up to 1.3m long
- Print on card stock up to 163gsm
- 250 sheet paper tray and 530 sheet 2nd tray option
- 1200 x 1200dpi print resolution ensures pinsharp output every time
- Secure printing protects confidential documents
- Google Cloud print ready and compatible with AirPrint by Apple inc.
- Choose the toner size to suit your business needs, the affordable 3k toner or high capacity 7k toner with lower running costs

### Reliable, ergonomic and easy to use

Simple ergonomic design makes life easy and OKI Europe's industry leading warranty provides total peace of mind.

- Compact, low profile design for ease of use
- Auto sensing 100 sheet Multi-purpose tray (MPT) for different paper types
- 2-line x 16-character LCD display for clear, real-time status
- One click driver installation
- Three year warranty on registration of your product within 30 days

### Advanced features to reduce costs and environmental impact

Save paper and power usage whilst reducing your running costs. There is even a noise reduction mode for quieter working environments.

- Duplex printing as standard, reducing paper usage by printing on both sides
- Eco mode improves throughput performance and reduces energy consumption
- Quiet mode reduces noise levels and energy consumption
- 1.4W Deep Sleep mode and super fast recovery time saves power without impacting performance
- 'Auto Power Off' function saves energy

| | |
|---|---|
| A4 | ✔ |
| Mono | ✔ |
| Duplex print | ✔ |
| Prints A6 to 210 x 1321mm, up to 163gsm | ✔ |
| 1 – 5 users | ✔ |



# B412dn - Mono Printer

| Printer | |
|---|---|
| **A4 Print speed** | 33ppm |
| **Time to first print** | 5 seconds |
| **Warm up time** | 17 seconds from power on |
| **Processor speed** | 667MHz |

| Interface and Software | |
|---|---|
| **Connectivity** | Hi-Speed USB 2.0, 10/100/1000 Ethernet |
| **Printer languages** | PCL5e, PCL6(XL), EPSON FX, IBM ProPrinter, XPS |
| **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, AirPrint, Google Cloud Print, NetBIOS over TCP, DHCP, BOOTP, HTTP, HTTPS, DNS, DDNS, WINS, UPNP, Bonjour, SMTP, POP3, SNMPv1&v3, SNTP, IPP, IPPS, WSD Print, LLTD, IEEE802.1x, LPR, Port9100, Telnet, FTP, IPSec, WLAN802.11a/b/g/n |
| **OS Compatibility**[1] | Windows 7 (32-bit & 64-bit), Windows 8 (32-bit & 64-bit), Windows 8.1 (32-bit & 64-bit), Windows Server 2003 (32-bit & 64-bit), Windows Vista (32-bit & 64-bit), Windows Server 2008 (32-bit & 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), Windows Server 2012 R2 (32 bit & 64 bit); Mac OS 10.6.8 - 10.7, 10.8, 10.9 |
| **Utility suite**[1] | Template Manager[2], smartPrintSuperVision[2], OKI LPR[2], Network Extension, Network Card Setup, Configuration Tool[2], Op-Panel Download Utility, Storage Device Manager[2] |

| Typefaces | |
|---|---|
| **Printer fonts** | 87 scalable PCL fonts, 2 bitmap fonts, OCR-A/B |
| **Dot matrix fonts** | Epson FX and IBM PPR at various pitches |
| **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 dimension: PDF417, QR code |

| Print quality | |
|---|---|
| **Resolution** | 1200 x 1200dpi |

| Paper Handling | |
|---|---|
| **Paper capacity** | **Tray 1:** 250 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm |
| **Paper capacity optional tray** | **Tray 2:** 530 sheets of 80gsm |
| **Maximum paper capacity** | 880 sheets of 80gsm |
| **Paper sizes** | **Tray 1:** A4, A5, B5(JIS), A6, Letter, Legal 13, Legal 14, Executive, Statement; **Tray 2:** A4, A5, B5(JIS), Letter, Legal 13, Legal 14, Executive; **Multi-purpose tray:** A4, A5, B5(JIS), A6, Letter, Legal 13, Legal 14, Executive, Statement, Envelopes (Monarch, Com-9, Com-10, DL, C5, C6), Custom Size (up to 1321mm length including banners), 4 x 6", 5 x 7"; **Duplex:** A4, B5(JIS), Letter, up to Legal 14, Executive |
| **Paper weight** | **Tray 1/2:** 60 to 120gsm; **Multi-purpose tray:** 60 to 163gsm; **Duplex:** 60 to 120gsm |
| **Duplex** | Standard |
| **Paper output** | 150 sheets face down, 100 sheets face up (80gsm) |

| General Features | |
|---|---|
| **Memory** | 512MB RAM; 3GB eMMC |
| **Environment** | **Operating temperature/ humidity:** 10°C to 32°C/ 20% to 80% RH non-condensing |
| | **Storage temperature/ humidity:** -10°C to 43°C/ 10% to 90% RH non-condensing |
| **Power supply** | 230 VAC +/- 10%, 50 or 60Hz +/-2% |
| **Power consumption** | **Typical:** 560W; **Max:** 900W; **Idle:** 80W; **Power Save:** 7W; **Deep Sleep:** 1.4W |
| **Noise level** | **Operating:** 53dB(A) or less; **Standby:** 30dB(A) or less; **Power save:** Background level |
| **Dimensions (HxWxD)** | 245 x 387 x 364mm; with 2nd tray 383 x 387 x 364mm |
| **Weight** | 12kg |
| **Duty cycle** | **Maximum:** 60,000 pages/month; **Recommended:** 250 - 3,000 pages/month |
| **Warranty** | 3 years extended warranty upon registration within 30 days of purchase |
| **Product order numbers** | **B412dn:** 45858301 (2AC) / 45762002 (Euro) |

| Accessories (Order Numbers) | |
|---|---|
| **2nd paper tray** | 44575714 |
| **Wireless LAN Module** | 45830202 |

| Consumables (Order Numbers) | |
|---|---|
| **Black toner cartridge* (3,000 pages)** | 45807102 |
| **Black toner cartridge* (7,000 pages)** | 45807106 |
| **Image drum** (25,000 pages)** | 44574302 |

* Toner: Number of A4 pages yield compliant with ISO/IEC 19752. Printer shipped with toner for 2,000 pages.
** Drum: Average life

[1] Check local OKI website for latest driver releases and OS compatibility; [2] Windows only

**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 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.OKIEUROPE.COM/WARRANTY**
Without registration, the standard pan-European 1 year warranty applies.


**OKI EUROPE LTD**
Blays House, Wick Road,
Egham Surrey, TW20 0HJ.
UK
T +44 (0)20 8219 2190
F +44 (0)20 8219 2199
**WWW.OKI.COM/EU**


Works with Apple AirPrint

Google Cloud Print Ready


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