B840 Specifications

OKI
PRINTING SOLUTIONS



Everything you expect from an A4 mono printer, with the added versatility of A3 output

Transform your black and white documents with the B840, the A3 printer with the speed, versatility and footprint of an A4 device. With sharp mono output, provided by OKI's innovative digital LED technology, the B840 brings A4 and A3 mono printing closer to your small to medium workgroup.

Gone are the days of having to decipher your spreadsheets and diagrams with a magnifying glass. The B840 provides the convenience of fast desktop A4 printing speeds of up to 40ppm with the capability to print your documents at a size that gives them and you a new perspective. The B840 is competitively priced and brings affordable, A4 and A3 mono printing, to every business, large or small.

The B840 is designed to offer low running costs with a low total cost of ownership that puts A3 printing in the reach of businesses and workgroups in every sector. What's more it comes with a three-year warranty at no extra cost, so you can absolutely rely on it.

Fast, superior mono printing on your desktop

Combining the speed of an A4 printer with the flexibility of A3 output, the B840 delivers superior mono print quality in a compact machine that will sit on any desktop, bringing versatile printing right to the heart of a workgroup. The B840 comes network ready with PCL/PostScript built-in for maximum platform flexibility and application support.

Flexible media output and duplex printing

Able to handle a wide range of media and paper weights of up to 200gsm, the B840 is ideal for reducing costs through printing items such as business cards, labels and other business documents in-house. In addition, the B840dn and B840dtn models offer duplex printing as standard for reduced running costs and to save paper.

Reduced running costs and lower TCO

The B840 has been designed to provide a cost effective printing resource that can sit on the desktop, closer to the workgroup. With high capacity toner cartridges and energy saving features as standard, your running costs are kept to a minimum.

Packed full of value-added features

Putting you in control, the software utilities and features provide even more value for your money. Secure Print[3] removes the risk of sensitive information falling into the wrong hands. PrintSuperVision provides remote monitoring and management of printers across your network and Print Control allows you to control your print costs and usage.

Combining reliable technology with minimal user intervention

The B840 is built on tried and tested digital LED technology, developed by OKI for over 20 years. This why we offer a three-year warranty. The robust design and innovative technology not only deliver outstanding reliability but also the 100k duty cycle offer you consistently high quality prints over and over again, further reducing user intervention.

- A4/A3 ✔
- Range of media handling ✔
- Mono ✔
- Print ✔
- 1-30 users ✔

Variants available:
B840n
networked
B840dn
duplex, networked
B840dtn
duplex, 2nd tray, networked



B840 - Mono Printers

Printer

Print speed	**A4:** 40ppm; **A3:** 22ppm
Time to first print	5 seconds
Warm up time	Up to 19 seconds
Processor speed	PowerPC464FP 533MHz

Interface and Software

Connectivity	10/100-TX Ethernet, USB 2.0 Hi-Speed, IEEE 1284 Bi-directional Parallel
Printer languages	PCL5e, PostScript 3 (emulation), SIDM (IBM-PPR, EPSON-FX)
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: ARP, IPv4/v6, ICMP, TCP, UDP, LPR, PORT9100, FTP, HTTP, HTTPS, IPP, SNMP v1/v3, TELNET, BOOTP, DHCP, DNS, DDNS, UPnP, Bonjour, WINS, SMTP, POP3, SNTP, WSDPrint, LLTD; NetWare 4.1J/5J/6J with full NDS support:- PServer, RPrinter; EtherTalk: ELAP, AARP, DDP, AEP, NBP, ZIP, RTMP, ATP, PAP; IEEE802.1x; NetBEUI: SMB, NetBIOS; Other: EAP-TLS, PEAP, IPSec
Advanced networking & security	IPv6, 802.1x authentication, SNMPv3, SSL/TLS HTTPS encryption, Secure Print[2/3], Secure Erase[2/3], Data Encryption[2], MAC filtering, IP filtering, IPSec
OS Compatibility[1]	Windows XP / XP x64 / Server 2003 (32-bit & 64-bit) / Vista (32-bit & 64-bit) / 7 (32-bit & 64-bit) / Server 2008 (32-bit & 64-bit) / Server 2008 R2; Mac OS X 10.3.9 - 10.6.4; Unix/Linux using PPD
Utility suite[1]	Configuration Tool[2], Driver Installer[2], Front End[2], OKI LPR[2], Network Card Setup, Network Extension[2], PrintSuperVision[2/4], Template Manager[2], Print Control Server[2/4], Print Control Client[4], Print Control Report Tool[2/4], Storage Device Manager[2], PDF Print Direct[2/4], Web Driver Installer[2/4]

Paper Handling

Paper capacity	**Tray 1:** 530 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm
Paper capacity optional tray	**Tray 2:** 530 sheets of 80gsm; **Tray 3:** 530 sheets of 80gsm
Maximum paper capacity	1,690 sheets of 80gsm
Paper sizes	**Tray 1:** A3, A4, A5, B4, B5; **Tray 2/3:** A3, A4, A5, B4, B5; **Multi-purpose tray:** A3, A4, A5, B4, B5, A6; 10 Envelopes (Com-9, Com-10, DL, Monarch, C4, C5); Labels (A4), Custom size: Width 76-297mm Length 148-431.8mm; **Duplex:** A3, A4, A5, B4, B5; Custom size: Width 148.5-297mm Length 182-420mm
Paper weight	**Tray 1/2/3:** 60 to 176gsm; **Multi-purpose tray:** 60 to 200gsm; **Duplex:** 60 to 105gsm
Duplex	**Standard:** B840dn, B840dtn; **Optional:** B840n
Paper output	250 sheets face down, 100 sheets face up, 80gsm

Typefaces

Printer fonts	**PCL:** 87 scalable PCL and 3 bitmap font; **PostScript 3:** 136 scalable
Barcode	USPS Zip Barcode

Print Quality

Resolution	1200 x 1200dpi, 600 x 600dpi, 300 x 300dpi

General Features

Memory	**Standard RAM:** 128MB; **Maximum RAM:** 640MB
	Optional SDHC Memory Card[5]: 16GB
Environment	**Operating temperature/ humidity:** 10°C to 32°C / 20% to 80% RH
	Storage temperature/ humidity: -10°C to 43°C / 10% to 90% RH
Power supply	Single phase 220 to 240VAC +/- 10%, frequency 50/60Hz +/- 2%
Power consumption	**Typical:** 550W; **Max:** 1200W; **Idle:** 75W; **Power Save:** 15W; **Sleep mode:** <1.2W
Noise level	**Operating:** 54dB(A) or less (B840n/B840dn only); **Standby:** 37dB(A) or less; **Power save:** Background level
Dimensions (HxWxD)	**B840n:** 373 x 485 x 450mm (max 575mm); **B840dn:** 373 x 485 x 521mm (max 575mm); **B840dtn:** 520 x 485 x 575mm
Weight[6]	**B840n:** 24kg approx; **B840dn:** 28kg approx; **B840dtn:** 35kg approx
Duty cycle	**Maximum:** 100,000 pages/month; **Recommended:** 20,000 pages per month
Warranty	3 years extended warranty upon registration within 30 days of purchase
Product order numbers	**B840n:** 44676004; **B840dn:** 01308001; **B840dtn:** 01310301

Accessories (Order Numbers)

Duplex	44676203 (Standard on B840dn/B840dtn)
Memory	**256MB:** 01182907; **512MB:** 01182908
SDHC Memory card[4]	**16GB:** 01272701
2nd paper tray	44676103 (Standard on B840dtn)
3rd paper tray	44676103

Consumables (Order Numbers)

Black print cartridge* (20,000 pages)	44661802

*Number of A4 pages yield compliant with ISO/ISC 19752. Printer shipped with toner for 6,000 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]SDHC memory Card required; [4]Download from web only; [5]Secure Digital High Capacity (SDHC) Memory Card supports up to 32GB. OKI is not responsible for any compatibility risk using non OKI genuine SDHC Memory Card; [6]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 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.

Simply Unique - 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 – for free! 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: **WWW.OKIPRINTINGSOLUTIONS.CO.UK/WARRANTY**
Without registration, the standard pan-European 1 year warranty applies.

Oki Systems (UK) Ltd.
550 Dundee Road, Slough
Berkshire, SL1 4LE
United Kingdom
T +44(0) 1753 819819
F +44(0) 1753 819899
WWW.OKIPRINTINGSOLUTIONS.CO.UK

ENERGY STAR

© 2011 Oki Europe Ltd. Oki Printing Solutions is the trading name of Oki Europe Ltd. Version 1.0 01/2011.
Specification subject to change without notice. All trademarks acknowledged.

OKI PRINTING SOLUTIONS