# C831 Specifications



## Compact, Fast and affordable A3 colour printers to enhance your business documents

The C831 is the ideal choice for small to medium businesses or workgroups looking for fast, high quality, high volume, print on demand capabilities in-house. With the fast print speeds, high capacity toners and flexible paper handling you can rely on this device to deliver all your day to day business documents.   And with low running costs this is an attractive proposition for budget conscious businesses with high print volume demands.

The C831 is built on tried and tested technology that your business can rely on to deliver over and over again, supported by a 3-year warranty.

### High definition colour for superior in-house printing

- ProQ2400 Multi-level output quality, 1200 x 600dpi print resolution for smoother shades

- Photo Enhance setting for sharp, clear and vibrant photo-like pictures

- A4 colour print speeds of up to 35ppm

- First page to print 9.5 seconds

- Unique OKI Template Manager to format various documents and print in-house

### Excellent media flexibility

- Duplex printing as standard (option on C831n)

- A6 to A3 and up to 1321mm banners

- Print on stock from 64 to 256gsm

- Standard 400 sheet paper capacity expands to 1,990 sheets

### Control your printing with range of software tools

- Print Job Accounting – see and control print usage across your network

- Mobile printing – print from a variety of mobile devices across wireless networks

- PrintSuperVision – control and resolve issues with printers across your network

- Colour Access Policy Manager – decide who has access to colour or mono printing

- Numeric keypad for the easy retrieval of stored and encrypted print jobs (SDHC card required)

### Designed for efficiency, built to perform

- Compact design that takes up less space than any comparable A3 capable page printer

- LED technology that is inherently more energy efficient

- Deep Sleep mode to reduce power consumption to 1W

- 'Auto Power Off' automatically turns off the printer after periods of non-use

- Duplex printing reduces paper usage*

- Toner Save function reduces toner usage for draft documents

- Mono only printing available when colour cartridges are empty

- High capacity toner cartridges

| | |
|---|---|
| A3/A4 | ✔ |
| Colour/Mono | ✔ |
| Prints A6 to 1321mm, up to 256gsm | ✔ |
| 1 – 30 users | ✔ |

*Optional on C831n

**Variants available:**
**C831n**
networked
**C831dn**
duplex, networked
**C831cdtn**
cabinet, duplex,
2nd tray, networked

# C831 - Colour and Mono Printers

## PRINTER

| | |
|---|---|
| Print speed | **A4:** 35ppm colour, 35ppm mono; **A3:** 20ppm colour, 20ppm mono |
| Time to first print | 9.5 seconds colour, 9.5 seconds mono |
| Warm up time | Up to 32 seconds from power on and up to 27 seconds from power save |
| Processor speed | 800MHz |

## INTERFACE AND SOFTWARE

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|---|---|
| Connectivity | Hi-Speed USB x 2 (1 x type A & 1 x type B), 10/100-TX Ethernet |
| Printer languages | PCL 6 (XL3.0) and PCL5c, PostScript3 emulation, SIDM (IBM-PPR, EPSON-FX), PDF Direct Print v1.8 |
| OS Compatibility[1] | Windows 2000 / XP Home / XP Professional (32-bit & 64-bit) / Server 2003 (32-bit & 64-bit) / Server 2008 (32-bit & 64-bit) / Server 2008 R2 (64-bit) / Vista (32-bit & 64-bit) / 7 (32-bit & 64-bit); Mac OS X 10.3.9 to 10.7 |
| Advanced networking & security | IPv6, 802.1x authentication, SNMP V3, SSL3/TLS HTTPS encryption, Secure Print[2], Secure Erase[2], Data Encryption[2], MAC filtering, IP filtering |
| Utility suite[1] | Color Correct, OKI LPR[3], PrintSuperVision.net[3&6], PrintSuperVision Multiplatform[3&6], Color Swatch Utility, ICC Profiles[3], Template Manager[3&6], Web Driver Installer[3&6], WebPrint[3&6], Print Job Accounting[3&6], Print Job Accounting Enterprise[6], Print Job Accounting Client[6], Storage Device Manager[2&3&6], PS Gamma Adjuster, Profile Assistant[2&6], PDF Direct Utility, Color Access Policy Manager[3&6] |

## TYPEFACES

| | |
|---|---|
| Printer fonts | Scalable: 87 PCL fonts and 80 PostScript fonts, PCL Bitmap fonts, OCR-A/B, USPS ZIP Barcode |
| Barcode | Barcode with Checksum support |

## PRINT QUALITY

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|---|---|
| Resolution | ProQ2400 Multi-level technology, 1200 x 600dpi |
| Enhancements | Auto Colour Balance, Photo Enhance via Driver (excludes Mac OS and all PostScript drivers) |

## PAPER HANDLING

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|---|---|
| Paper capacity | **Tray 1:** 300 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm |
| Paper capacity optional trays | **Tray 2:** 530 sheets of 80gsm (Standard on C831cdtn); **Tray 3:** 530 sheets of 80gsm; **Tray 4:** 530 sheets of 80gsm |
| Maximum paper capacity | 1,990 sheets of 80gsm |
| Paper sizes | **Tray 1:** A3, A4, A5, A6, B4, B5; **Tray 2/3/4:** A3, A4, A5, B4, B5; **Multi-purpose tray:** A3, A4, A5, B4, B5, A6; 11 Envelopes (Com-10, DL, Monarch, C5,C4), Custom size (up to 1321mm length including banner); **Duplex:** A3, A4, A5, B4, B5; Custom size: Width 148.5-297mm Length 182-431.80mm |
| Paper weight | **Tray 1:** 64 to 220gsm; **Tray 2/3/4:** 64 to 176gsm; **Multi-purpose tray:** 64 to 256gsm; **Duplex:** 64 to 220gsm |
| Duplex | **Standard:** C831dn, C831cdtn; **Optional:** C831n |
| Paper output | 250 sheets face down, 100 sheets face up, 80gsm |

## GENERAL FEATURES

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|---|---|
| Memory | **Standard RAM:** 256MB; **Maximum RAM:** 768MB |
| | **Optional SDHC Memory Card[4]:** 16GB |
| Environment | **Operating temperature/Humidity:** 10ºC to 32ºC (17ºC to 27ºC recommended) / 20% to 80% RH (50% to 70% RH recommended) |
| | **Storage temperature/Humidity:** -10ºC to 43ºC, 10% to 90% RH |
| Power supply | Single phase 220 to 240VAC, frequency 50/60Hz +/- 2% |
| Power consumption | **Typical:** ‹700W; **Max:** ‹1400W; **Idle:** ‹100W; **Power Save:** ‹12W; **Deep Sleep Mode:** ‹1.0W; Auto-Off: ‹0.15W |
| Noise level | **Operating:** 52dB(A) or less; **Standby:** 32dB(A) or less; **Power save:** Background level |
| Dimensions (HxWxD) | **C831n, C831dn:** 360 x 449 x 552mm; **C831cdtn:** 780 x 449 x 552mm; |
| Weight[5] | **C831n:** 37kg approx; **C831dn:** 40kg approx; **C831cdtn:** 62.5kg approx |
| Duty cycle | **Maximum:** 75,000 pages/month; **Recommended:** 1,500 to 5,000 pages per month |
| Warranty | 3 years extended warranty upon registration within 30 days of purchase |
| Product order numbers | **C831n:** 01318801; **C831dn:** 01318803 **C831cdtn:** 01318804 |

## ACCESSORIES (ORDER NUMBERS)

| | |
|---|---|
| Duplex | 44717603 (Standard on C831dn, C831cdtn) |
| Memory | **256MB:** 01182907; **512MB:** 01182908 |
| SDHC Memory Card[4] | **16GB:** 44848903 |
| 2nd/3rd/4th paper tray | 44713903 (Standard on C831cdtn) |
| Cabinet | 01321101 (Standard on C831cdtn) |
| Pedestal with castors | 44853903 |

## CONSUMABLES (ORDER NUMBERS)

| | |
|---|---|
| Toner cartridges* (10,000 pages) | Cyan: 44844507; Magenta: 44844506; Yellow: 44844505; Black: 44844508 |
| Image drum** (30,000 pages) | Cyan: 44844407; Magenta: 44844406; Yellow: 44844405; Black: 44844408 |
| Transfer Belt (80,000 pages) | 44846204 |
| Fuser Unit (100,000 pages) | 44848805 |

*Toners: A4 pages yield compliant with ISO/ISC 19798. Printer shipped with toner for 2,500 A4 pages yield compliant with ISO/ISC 19798.
**Drum: Average number of A4 pages printed.

[1]Check local OKI website for latest driver releases and OS compatibility; [2]Requires SDHC Memory Card; [3]Windows only; [4]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; [5]Including all consumables; [6]Downloadable from www.oki.co.uk.

**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.

### 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 at no extra cost to you. 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**
Without registration, the standard pan-European 1 year warranty applies.