EPSON
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SPECIFICATION SHEET

Label Printers

Industrial

ColorWorks® C831 Inkjet Label Printer

Rugged, reliable, wide color label printer for large-volume printing.

Industrial-strength label printer — designed to handle the rigors of large-volume printing

Ideal for GHS large-format drum and chemical labeling — printable area up to 8" x 22"

Accurate, intelligent paper handling — precise label feeding reduces jams

Superior ink quality for durable labels — the first inkjet solution that has been BS-5609 certified, which means labels won't smudge, smear or fade[1]

Low TCO — compared to color thermal transfer or color laser printers

High-speed printing — up to 16.5 pages per minute[2]

Affordable, high-capacity ink cartridges — requires fewer interventions

Easy to use and maintain — easy access for ink replacement, intuitive controls, and rugged design for minimal maintenance

Reliability you can count on — backed by Epson's industry-leading service and support program

VDG
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ColorWorks® C831 Inkjet Label Printer

Print

Print Method MicroPiezo® inkjet technology
Ink Type Pigmented ink, 4 individual CMYK cartridges
Print Resolution 720 x 720 dpi maximum
Print Speed[2]
Draft Mode: 16.5 pages per minute
Normal Mode: 13.6 pages per minute
Super Fine Mode: 7.0 pages per minute
Print Width 3.0" – 9.5" (76.2 – 241.3 mm)
Media Types Continuous paper (plain paper, label, medicine bags)

Print Fonts

Barcode Font Code 39, Code 128, Interleaved 2 of 5 (printer driver built in), EAN-13, EAN-8, UPC-A, UPC-E, POSTNET, QR Code

Media Dimensions

Feed Method Push tractor feed (rear in/front out)
Width 3.0" – 9.5" (76.2 – 241.3 mm)
Length 0.5" – 22.0" (12.7 – 558.8 mm)[3]
Thickness 2.5 mil – 7.5 mil (0.065 – 0.19 mm)

Connectivity

Interfaces Hi-Speed USB, Bi-directional parallel (IEEE-1284 ECP Mode supported), Ethernet 10/100 Base-T
Operating Systems Microsoft® Windows® 10, Windows 7 (32-bit, 64-bit), Windows Vista® SP2 (32-bit, 64-bit), Windows XP SP3 (32-bit), Windows XP SP2 (64-bit), Windows Server® 2008[4], Windows Server 2003 R2[4]

General

Temperature
Operating: 10 ° to 35 °C
Storage: -20 ° to 40 °C
Relative Humidity
Operating: 20 – 80%
Storage: 5 – 85%
Acoustic Noise Level
Silent Feed On: Approx. 48 dB (A)
Silent Feed Off: Approx. 50 dB (A)
Rated Voltage AC 110 – 240 VAC
Rated Frequency 50 – 60 Hz
Power Consumption
Printing: Approx. 20 W (mean, ISO/IEC 10561 letter)
Standby: Approx. 2.3 W (Sleep Mode)
Weight and Dimensions (W x D x H)
18.3" x 18.3" x 8.8"
Weight (without ink): Approx. 26.0 lb (12.2 kg)
Safety Approvals
Safety standards: BSMI (CN14336), Green Mark Program compliant, UL/C-UL, NOM, Argentine, CE, EN60950
EMC standards: CNS13438 Class A
What's in the Box ColorWorks C831 printer, AC cord, ink cartridge set (CMYK), quick setup sheet, utilities/manuals, CD, power switch cover

Ordering Information

GP-C831 Inkjet Printer (EPAG)	C11CC68122
GJIC5 (C) Ink Cartridge (Cyan)	C13S020564
GJIC5 (K) Ink Cartridge (Black)	C13S020563
GJIC5 (M) Ink Cartridge (Magenta)	C13S020565
GJIC5 (Y) Ink Cartridge (Yellow)	C13S020566

1 ColorWorks C831 inkjet printer with DURABrite® pigment ink, used in combination with Neenah Kimdura™ poly media, has been BS-5609 certified. | **2** Printing the suite of ISO/IEC 24733 text and graphic images on 8.5" x 11" pages in Draft Mode. Actual print times will vary based on system configuration, software, and page complexity. | **3** Smallest individual label is 0.5" (12.7 mm). Shortest distance between perforations is 4.0" (102 mm). The last 5.5" (140 mm) of media at end of a stack or roll is a non-printable area. Total form length from one top-of-form to next top-of-form must be aligned to an exact 1/8th or 1/100th of an inch. | **4** Only printing is supported with Windows Server OS.

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