Epson Inkjet M831
Airline Document Printer

Epson's M831 inkjet printer for manifests and forms is designed to handle the rigors of high-volume printing with fast print speeds, low noise, affordable high-capacity ink cartridges and exceptional reliability.

- Designed for high-volume printing of manifests and forms
- Combines durability of a dot matrix with the print quality of an inkjet
- Prints on same continuous form paper airlines use today
- Fast print speeds of up to 16.5 pages/minute
- Automatic paper release to clear any paper jams
- Comes with Parallel, USB and Ethernet interfaces
- Drop-in replacement for existing Epson and other dot matrix printers
- Low power consumption

Designed for airlines

Epson's M831 ruggedized monochrome inkjet document printer combines the durability of a dot matrix printer with the quiet, high quality printing of an inkjet. It prints high-quality crisp, clear text and graphics, as well as high-density barcodes. And it features print speeds of up to 16.5 pages/minute[1] to help meet the demanding routines of flight crews and gate agents – all at a lower cost per page than laser printers.

Superior ink quality and durability

Unlike dye-based inks, Epson's DURABrite® Ultra pigment-based inks firmly bind to media fibers, delivering outstanding stability and resistance to chemicals, water, fading, smudges and highlighter pens. And unlike dot-matrix printers, the quality is maintained from the first to the last document printed.

Exceptional reliability

Developed for commercial environments the Epson M831 is built to last. It is designed to provide up to five years of high-volume, high-performance printing and is virtually maintenance free.

With Epson's patented anti-nozzle-block technology, the printhead nozzles are protected from dirt and dust. In addition, the printhead is designed to last the life of the printer, avoiding the need for frequent printhead replacement as with other inkjet or dot matrix printers or drum replacement on laser printers.

Easy to use and maintain

The M831 features easy access to all functions including ink replacement, an intuitive control panel, auto paper loading and more. And with its automatic paper release, occasional paper jams can be handled quickly. All of these features add up to increased productivity and reduced downtime. Parallel, USB and Ethernet interfaces come standard to make integration into your system easy.

Backed by the leader

The Epson rugged M831 inkjet document printer delivers the quality and reliability that Epson printers are known for and is backed by Epson's industry-leading service and support programs.

EPSON®
EXCEED YOUR VISION

Printer

Print method	MicroPiezo® inkjet technology
Ink type[4]	Black pigment-based ink cartridges
Print speed (max.)[1]	
Draft mode	16.5 pages per minute
Normal mode	13.8 pages per minute
Super fine mode	7.0 pages per minute
Print resolution	720 dpi x 720 dpi maximum
Paper feeding method	Push tractor feed (rear in/front out)
Paper feed speed	Continuous feed 15 in./s (380 mm/s)
Media type	Continuous paper (plain paper, label)
Media dimensions	
Width	3.0–9.5 inches (76.2–241.3mm)
Length (one page)	0.5–22.0 inches (12.7–558.8mm)
Thickness	2.5–7.5 mils (0.065–0.19mm)
Weight (1000 sheets)[3]	45kg–110kg
Printable area	
Maximum width[2]	8.0 inches (203.2mm)
Left margin	0.51 inches (13.0mm)
Right margin[2]	0.51 inches (13.0mm)
Top margin	0.08 inches (2.0mm)
Bottom margin	0.08 inches (2.0mm)
Barcode font (printer driver built-in)	Code 39, Code 128, Interleaved 2 of 5, EAN-13, EAN-8, UPC-A, UPC-E, POSTNET, QR Code
Interfaces	USB 2.0, Bi-directional parallel (IEEE-1284 ECP mode supported), Ethernet 10/100 BASE-T
Control code	ESC/P Raster (undisclosed)
Operating temperature	10–35 degrees C / 20–80% RH humidity
Storage temperature	-20–40 degrees C / 5–85% RH humidity

General information

Overall dimensions	18.3 x 18.3 x 8.8" (W x D x H)
Weight	Approx. 26 lbs (12.2kg) — without ink
Power consumption	
Printing	Approx. 20 W (mean, ISO/IEC 10561 letter)
Standby	Approx. 2.3 W (sleep mode)
Rated voltage	AC 110–240 VAC
Rated frequency	50–60 Hz
Acoustic noise	Silent feed on: approx. 48dB (A) Silent feed off: approx. 50dB (A)
EMC standards	CNS13438 Class A
Safety standards	BSMI (CN14336), Green Mark Program compliant, UL/C-UL, NOM, Argentine, CE, EN60950
Operating system	Microsoft® Windows® XP 32-bit (SP3)/64-bit (SP2), Vista® 32 -bit/64-bit (SP2), Windows 7 32-bit/64-big, Windows Server 2003, Windows Server 2008

What's in the box

M831 inkjet document printer
AC cord
Quick setup guide
Drivers and utilities CD
User manual
Ink cartridges

8.8"
18.3"
18.3"

Ordering information

Product	Color	Model Number
GP-M831 Inkjet Printer	EPAG	C11CC69122
GJIC5(K) Ink Cartridge (Accommodates 2 for extended printing)	Black	C13S020563

Large inkjet cartridges

Two high-capacity inkjet cartridges

Parallel, USB and Ethernet interfaces are standard

Rear cable cover

[1] Print speed is based on printing the suite of ISO/IEC 24734 text and graphic images on 8.5" x 11" size pages. Speed of up to 16.5 pages per minute is based on draft mode. Actual print times will vary based on system configuration, software, and page complexity.

[2] The printable area is fixed relative to the left tractor starting at .51" (12.9 mm) from the left edge of the media. Right margin may be greater than .51" (12.9mm) if the media extends well past the printable area.

[3] Plain paper.

[4] Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields will be lower with higher-density images, hot or dusty conditions, less frequent printing, or printing predominantly with one color. All ink colors are used for printing and printer maintenance, and all colors have to be installed for printing. For print quality, part of the ink from the included cartridges is used for printer startup and a variable amount of ink remains in the cartridges after the "replace cartridge" signal. See www.epson.com/cartridgeinfo for more information about EPSON ink cartridges.

EPSON®
EXCEED YOUR VISION

pos.epson.com/aero