

NO NONSENSE. COST EFFECTIVE. ASTONISHINGLY FAST.

Memjet is the global leader in color printing technologies that provide remarkable speeds and affordability.



NO-NONSENSE COLOR OFFICE PRINTER

The Memjet color office printer represents a new choice in office printing. Convert your office to color. Print color pages in 1 second—two to five times faster than color laser printers on average, with low running costs and using significantly less energy than color laser devices.

ACCURATE

Small drop size, accurate placement, and high resolution combine to give excellent prints, as good as the eye can see. The entire printing process is optimized for both images and text, giving business graphics with excellent fine detail reproduction and text with high contrast and with fine sharp edges. The Memjet office printer prints on plain paper as well as inkjet glossy or matte papers.

FAST

The Memjet printer prints 'Normal' quality prints at 60 pages per minute and at a 1600 x 800 dpi resolution. Memjet's revolutionary printing system combines advance software with Memjet's 70,400 nozzle, high-density page-wide printhead to print many times faster than any other device on your desktop and likely any other device in your office.

NO-NONSENSE COLOR OFFICE PRINTER FEATURES

- Contains Memjet's revolutionary page-width printhead with 70,400 nozzles
- One page per second color printing - A4 or US letter-size
- Up to 774 million dots per second
- 1600 x 800 dpi @ 60 ppm
- 4x high-capacity ink cartridges (CMYK)

To learn more about Memjet

Memjet-powered color office printers are sold only through authorized Memjet OEM partners. For more information on Memjet OEM partner products, please visit www.memjet.com



COST-EFFICIENT

Individual ink tanks, come with office capacities of 50ml for each color ink and 100ml of black ink and are designed to print 3,500- 7,000 office pages at half the price of typical color laser devices. Memjet ink tanks can be refilled leading to greater cost savings and environmental advantages.

ENVIRONMENTAL

Memjet's technology, whether waiting to print or actively printing uses significantly less energy than monochrome and color laser technologies, per minute, per page or per hour. In addition, OEM ink tanks can be refilled with quality Memjet ink by authorized refilling systems provided by Memjet's OEM partners.

ADVANCED ENGINEERING FOR PARTNERS

The Memjet color office printer delivers up to 774 million drops per second onto the page, printing approximately 5-10 times faster than traditional inkjet printers and 2-5 times faster than desktop color laser printers. The entire printing process, from software driver to Memjet's custom ASIC to the revolutionary printhead, has been optimized for speed and high quality.

Inside the printer the OmniPEC System-on-Chip (SoC) ASIC calculates dot data in real time, as the paper passes under the printhead and allows OEMs to add their own architectures and solution elements. The flexible architecture of the Memjet components makes it simple to design single or multiple OmniPEC and Printhead systems and enables products with very low development costs.

NO-NONSENSE OFFICE PRINTER

PRODUCTION REFERENCE TECHNICAL SPECIFICATIONS

PRINTING

Speed:	Normal: 60 ppm (1600 x 800 dpi) Best: 30 ppm (1600 x 1600 dpi)
Borderless Prints:	Full edge-to-edge printing on A4 and US Letter paper
Printhead Cartridge:	Single, high-density, long-life Memjet printhead (user replaceable)
Print Pipeline Hardware:	Single OmniPEC System-on-Chip (SoC)
Maximum Dot Rate:	774 million dots/sec
Single/Double-sided printing:	Single-sided (simplex) Manual (software assisted duplex)
PDL:	Windows/MAC native graphics

SOFTWARE

Host Operating System:	Hybrid/High-speed host-based driver supports Windows: XP, Vista 32/64 bit Windows 7 32/64 bit, Server 2003, Server 2008 – all variants and service packs Mac: OSX 10.5+
Fonts:	Page rendering using host computer fonts

HARDWARE

CPU:	One 32bit ARM, One 32bit SPARC
Memory:	256MB SDRAM, 1.25MB SRAM

PRINTER CONNECTIVITY

USB:	Supports USB 2.0 Hi speed
USB (Device):	1x Device port for host connection
LAN (Wired):	Ethernet 100 802.3

USER INTERFACE

Input:	Control Panel Keypad
Output:	Control Panel LED
Toolbox:	PC application

INK AND PAPER

Ink Tanks:	4 ink tanks - CMYK 50ml per tank (color) 100ml (black) Refillable through OEM authorized refill systems
Ink Dry Time:	Less than 1 second. Paper dry to the touch before leaving printer
Ink Replenishment:	Individual ink tank replacement
Ink Tracking:	Bi-directional ink status monitoring in printer and driver
Paper Sizes:	Paper tray: A4, US Letter and US Legal Manual feed tray: 6" x 4" to US Legal
Paper Types:	Plain paper and microporous matte coated inkjet paper
Paper Weight:	Paper tray: 70 to 120 gsm 19lb to 32lb Manual feed tray: 70 gsm to 260 gsm 19lb to 67lb
Paper Tray:	Single tray: 250 sheets 75 gsm/19lb
Output Paper Tray:	125 sheets. Face-up, correct order

ENVIRONMENTAL (Operational)

Recommended Temperature:	15°C to 30°C (59°F to 86°F)
Humidity:	20% to 80% RH non-condensing
Atmospheric Pressure:	70 kPa to 106 kPa

OTHER

Power Consumption:	110V/60Hz 220V/50Hz OFF: 0.6w OFF: 0.6w Standby: 5.36w Standby: 5.384w Printing: 30.2w Printing: 32.4w
Power Supply:	External power adaptor 110-240 VAC 50/60 Hz 150 Watts
Weight:	~12 Kg
Dimensions:	420 W x 225 H x 550 D (mm) 16.53 W x 8.85 H x 21.65 D (Inches)

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Subject to change.