



HP DesignJet4500mfp EN Box1+Box2+Box3 large format printer Colour Ethernet LAN

Brand : HP

Product code: Q1276A#ABB/KIT

Product name : DesignJet4500mfp EN
Box1+Box2+Box3



High performance colour production system

HP DesignJet4500mfp EN Box1+Box2+Box3 large format printer Colour Ethernet LAN:

Maximise productivity with the HP Designjet 4500mfp: large input and output capacity for unattended printer operation plus high performance scanning/copying make it the ideal colour production system for technical applications

ABB - Europe - English localization

HP DesignJet4500mfp EN Box1+Box2+Box3. Page description languages: HP-GL/2, HP-RTL, Colour depth: 24 bit, Print head: 8 (2 each black, cyan, magenta, yellow). Maximum number of copies: 99 copies. Scanning: Colour scanning, Scanner type: Sheet-fed scanner, Scan technology: Dual 2D-adaptive enhancement, dual 2D-adaptive gray, ADL+error diffusion halftoning,.... Media types supported: Printer: Paper (plain, inkjet, coated, heavyweight coated, super heavyweight coated, semi-gloss,...., Media thickness: Printer: all paper paths: > 0.4; Scanner > 15, Maximum roll length: 175 m. Memory slots: 2x DIMM, Built-in processor: Scanner: Intel Pentium 4, Drive device, buffer size: 20000 MB

Printing		System requirements	
Print head nozzles	524 (per printhead), 1048 (per colour in Double Swath configured)	Recommended system requirements	Windows NT 4.0: Pentium III 733 MHz, 128 MB RAM, 2 GB available hard disk space; Windows 98 SE, Me: Pentium 133 MHz, 64 MB RAM, 320 MB available hard disk space; Windows 2000, 2003 Server: Pentium III 733 MHz, 256 MB RAM, 2 GB available hard disk space; Windows XP: Pentium IV 1 GHz, 256 MB RAM, 2 GB available hard disk space
Print speed footnote	Printed in Fast mode on HP Bright White Inkjet Paper (bond). Speed indicated is maximum printer speed.		
Colour printing technology	HP Color Layering technology, HP PhotoREt III		
Colour *	✓		
Number of print cartridges *	4		
Page description languages *	HP-GL/2, HP-RTL		
Colour depth	24 bit		
Print head	8 (2 each black, cyan, magenta, yellow)	Compatible operating systems	Printer: Windows NT 4.0 Workstation, NT 4.0 Server, 98 SE, 2000, Me, XP Home, XP Professional, Server 2003; Mac OS X v 10.2.8, 10.3, 10.4; Scanner: Windows 95, NT 4.0, 98, 2000, Me, XP through Windows domain or FTP service, Mac OS 9.X and Mac OS X through FTP service, UNIX/Linux through FTP service
Print time colour line drawing (draft, A1)	25 sec/page		
Copying			
Copy resolution (black graphics)	Up to 9600 dpi	Weight & dimensions	
Copy resolution (colour text and graphics)	300 DPI	Maximum dimensions (W x D x H)	1930 x 800 x 1350 mm
Maximum number of copies	99 copies	Dimensions (WxDxH)	930 x 800 x 1350 mm
Copier settings	Type of original image crop and align preview, best/normal/fast copy quality, enlarge/reduce, lightness, mirror copy, nesting, paneling, saturation and RGB controls, sharpen/blur, tiling	Weight	185 kg
		Dimension note (imperial)	For printer (70.8 x 33.4 x 54.3 inches for scanner)
		Dimension note (metric)	For printer (1800 x 850 x 1380 mm for scanner)
Colour copy capability	✓	Size (imperial)	193 cm (76")
Scanning		Weight (imperial)	For printer (204 lb for scanner) 408 lb
Scanning *	Colour scanning	Packaging data	
Scanner type	Sheet-fed scanner	Package dimensions (WxDxH)	2130 x 775 x 1320 mm
Scan technology	Dual 2D-adaptive enhancement, dual 2D-adaptive gray, ADL+error diffusion halftoning, 2D-sharpening, 2D-softening and 2D-blur filter, 2D-adaptive thresholding	Package dimensions (W x D x H)	2131.1 x 774.7 x 1320.8 mm (83.9 x 30.5 x 52")
		Package weight (imperial)	Printer: 501.1 (EMEA), 600.3 (NA, AP); scanner: 316
Scan quality (black, best)	300 DPI		

Scanning		Packaging data	
Scan quality (black, normal)	200 DPI	Bundled software	Printer: HP Designjet software for Windows and Macintosh; Scanner: system recovery software for the scanning system, including HP Macroinstaller with Windows drivers for HP Designjet 500, 800, 1000, 4000, 4500, 5000 and 5500 series printers
Scan quality (colour, best)	300 DPI		
Scan quality (colour, normal)	200 DPI		
Hardware scan resolution	508 x 508 DPI		
Scan file formats	TIFF		
Linear scan speed (metric)	Color (200 dpi): 76 mm (3") per second; Black-and-white (200 dpi): 254 mm (10") per second	Other features	
Scan quality (black, draft)	150 DPI	Minimum system requirements for Macintosh	G3, G4, G5; 128 MB RAM; 256 MB available hard disk space; Mac OS X v 10.2.8, 10.3, 10.4
Scan quality (colour, draft)	150 DPI	Typefaces	None
Minimum scan size	152 x 114 mm	Line accuracy	+/- 0.1%
Linear scan speed (imperial)	Up to 3 in/sec (color, 200 dpi/400 dpi Turbo); up to 10 in/sec (black-and-white, 200 dpi/400 dpi Turbo)	Minimum line width	0.075 mm
Minimum scan area	152.4 x 114.3 mm (6 x 4.5")	Compatible ink types, supplies	Black: pigmented, CMY: dye based
Input & output capacity		Acoustic power emissions	6.3 B(A)
Total number of input trays	2	Acoustic pressure emissions	46 dB
Paper handling		Print quality (colour, best quality)	2400 DPI
Paper handling	Printer: Two automatic rolls, automatic roll-switching, automatic cutter, optional stacker, optional automatic inline folding device; Scanner: straight-through scan paper path for sheet and cardboard originals, output basket	Minimum system requirements	Windows NT 4.0: Pentium II 300 MHz, 64 MB RAM, 400 MB available hard disk space; Windows 98 SE, Me: Pentium 133 MHz, 48 MB RAM, 300 MB available hard disk space; Windows 2000, 2003 Server: Pentium II 300 MHz, 128 MB RAM, 400 MB available hard disk space; Windows XP: Pentium III 733 MHz, 128 MB RAM, 400 MB available hard disk space
Duplex print options	None	Embedded web server	✓
Maximum print length	175 m	Electromagnetic compatibility	Compliant with Class A requirements, including EU (EMC Directive), US (FCC rules), Canada (DoC), Australia (ACA), New Zealand (MoC), Japan (VCCI), Korea (MIC), Taiwan (BSMI)
Standard media sizes	Printer: A3, A2, A1, A0 (rolls up to 1067 mm wide); Scanner: up to 1118 mm wide media	Printer management	HP Embedded Web Server
Media types supported	Printer: Paper (plain, inkjet, coated, heavyweight coated, super heavyweight coated, semi-gloss, glossy, natural tracing, photo), film; Scanner: Non-abrasive paper, vellum, Mylar, sepia, blueprints, plastic, film, plastic laminate, foam board, cardboard (no plywood, stone plates, metal plates or abrasive dirty, rough, sharp edged, metal clamped, burned surfaces)	Safety	Compliant with IEC 60950, including EU LVD and EN60950, CSA-certified for US and Canada, Mexico NYCE, Argentina IRAM, Singapore PSB, Russia VNIIS, NEMKO, China CCC, Taiwan BSMI
Media thickness	Printer: all paper paths: > 0.4; Scanner > 15	Downloadable software	Scanner: WinXPe
Maximum roll length	175 m	All-In-One-multitasking	✓
Maximum roll diameter	18 cm	Functions	Color copying, color scanning, color printing, black-and-white copying, black-and-white scanning, black-and-white printing
Recommended media weight	Printer: 50 - 328; Scanner: at least 0.08 mm thick	Media thickness (min)	0.08 mm
Maximum media width	1067 mm	Print quality (black, best quality)	2400 x 1200 DPI
Media handling	Printer: Two automatic rolls, automatic roll-switching, automatic cutter, optional stacker, optional automatic inline folding device; Scanner: straight-through scan paper path for sheet and cardboard originals, output basket	Print quality (black, draft quality)	1200 DPI
Maximum paper trays	2	Print quality (black, normal quality)	1200 DPI
Paper handling standard/output	Optional stacker	Driver updates	Latest driver upgrade information available on http://www.designjet.hp.com
Roll top margin	5 mm	Ink drop	5 pl (colour), 15 pl (black)
Media thickness (imperial)	0.59"	Control panel	Printer: illuminated, graphical LCD display area; 8 front-panel buttons (Back, Cancel, Down arrow, Form Feed and Cut, Power, Reset, Select, Up arrow); 2 LEDs (Power, Status); On/Off buzzer; Scanner: Copy/scan/print operation controlled through an easy-to-use LCD color touch-screen and intuitive software
Ports & interfaces		Technical features	Outstanding printing performance Large input and output capacity Accurate lines and consistently high image quality
Ethernet LAN *	✓		
USB port *	✗		
Firewire (IEEE 1394) ports	1		
RJ-45 ports quantity	1		
Performance			
Memory upgrade	0.512 GB		

Performance		Other features	
Memory slots	2x DIMM	Keyboard type	Mini keyboard
Built-in processor	Scanner: Intel Pentium 4	Scan input modes	On the touchscreen: scan preview, scan to file, scan to DVD/CD, scan to print, collate copy, copy, batch scanning, batch copying, print from list
Memory technology	Printer: Dual data rate DRAM technology (DDR) to maximize memory speed		
Drive device, buffer size	20000 MB		
Power		Colour space standard	sRGB
Power requirements	Printer: Input voltage 100 to 127 VAC (+/- 10%), 6 amp; 220 to 240 VAC (+/- 10%), 3 amp; 50/60 Hz (+/- 3 Hz), auto range; scanner: 100 to 240 VAC (+/- 10%), auto range, 50/60 Hz, 5 amp maximum	Line width minimum	0.003 in
		Maximum print length (imperial)	575 ft
		Media sizes standard (imperial rolls)	24, 36, 42-in rolls
		Roll maximum input	2
		UNSPSC-code	43212107
Operational conditions		Printer features	Printer: color printing, black-and-white printing; scanner: color printing, black-and-white scanning
Recommended operating temperature range (T-T)	15 - 30 °C	Send to email capability	✖
Operating temperature (T-T)	5 - 40 °C	Logistics data	
Operating relative humidity (H-H)	20 - 80%	Products per pallet	48 pc(s)
Storage temperature (T-T)	-20 - 55 °C	Pallet gross weight	331 kg
Operating temperature (T-T)	41 - 104 °F		
Storage relative humidity (H-H)	0 - 95%		

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