



hp business inkjet 2230/2280 series

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HP's professional business inkjet printers for reliable, low cost, high performance colour printing. This series is easy to set up and use, offering best-in-class networking to help you meet a range of printing needs.

The HP Business Inkjet 2230/2280 series provides demanding power users and workgroups of 3 – 8 people in small and medium sized businesses with fast, high quality and professionally produced colour documents.

Experience robust networking which makes management and sharing easy.

- Fast Ethernet² and/or wireless 802.11b networking with an installed EIO card for sharing colour printing.
- Simple installation and management from anywhere, using award-winning HP Web Jetadmin software².
- Embedded web server² adds value by enabling the printer to send and receive e-services like: printer and supplies monitoring, printer configuration, diagnostics, troubleshooting, defined e-mail alerts, and supplies ordering.
- Supports all major network operating systems and protocols.



hp business inkjet 2230 printer

High quality colour at a low cost of ownership lets you print a lot more for a lot less.

- Low cost per page in mono and colour.
- Modular ink delivery system has 4 individual high-capacity ink cartridges and 4 separate long-life printheads, so only those cartridges and printheads that are depleted need to be replaced.
- High capacity 250-sheet input tray and optional second 250-sheet paper tray² reduce time spent on replenishment.
- Unwanted print jobs can be easily deleted using the special print cancel button, saving paper, time and money.



hp business inkjet 2280 printer

High performance, professional quality colour inkjet printing for business use.

- HP high performance architecture (HPA™) uses resources of both the PC and the printer to process print jobs more quickly.
- Dual processor architecture¹ – 96 MHz and 167 MHz – handles complex files and documents faster.
- 48 MB standard memory on HP Business Inkjet 2280/2280tn models (upgradeable up to 176 MB) for rapid output even of large graphic files.
- Significantly increased speed in HP PCL 5C and HP Postscript level 3¹.
- Wider printheads and a higher nozzle count increase printing speed.



hp business inkjet 2280tn printer

¹ standard with the HP Business Inkjet 2280/2280tn

² standard with the HP Business Inkjet 2280tn

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technical specifications

print technology	HP Thermal Inkjet			
printhead nozzles	304 black, 912 color (304 per color printhead), total of 1216 nozzles			
print speed	document type	draft	normal	best
	black text A4	up to 15 ppm	up to 11 ppm	up to 6.5 ppm
	mixed text/color graphics A4	up to 14 ppm	up to 7.5 ppm	up to 1.5 ppm
	full page colour A4	up to 6 ppm	up to 2.5 ppm	up to 0.5 ppm
	Approximate figures - exact speed dependent on document type, print mode and system configuration.			
processor speed	HP Business Inkjet 2230 printer: 96 MHz; HP Business Inkjet 2280/tn printer: 96 MHz + 1.67 MHz			
print quality	black Up to 1200 x 600 dpi colour HP PhotoREt III precision technology for ultimate photo-quality without compromising speed			
operating systems compatibility	Supported: HP Business Inkjet 2230 printer: Microsoft® Windows® 95, 98, Me, NT 4.0, 2000, XP; MS-DOS® 3.3 or above; HP Business Inkjet 2280/tn printer: Microsoft Windows 95, 98, Me, NT 4.0, 2000, XP; Apple® Macintosh® OS 8.6 and above (incl. OS X); MS-DOS 3.3 or above. Optional: HP Business Inkjet 2230 printer: Apple Macintosh (with HP PCL 5C/Postscript level 3 upgrade kit).			
network operating systems compatibility	Supported: HP Business Inkjet 2230 printer: Microsoft Windows 95, 98, Me, NT 4.0, 2000, XP. HP Business Inkjet 2280/tn printer: Microsoft Windows 95, 98, Me, NT 4.0, 2000, XP; Novell® IntranetWare; NetWare 3.12, 4.x, 5.x, NDS and NDPS; HP-UX 10.20, 11.x; Solaris™ 7; IBM® OS/2 Warp 4.x; AIX 3.2.5 and later; MPE-iX; Mac® OS 8.6 and later; RedHat Linux 6.2; SuSE Linux 6.4; Artisoft® LANtastic via HP Jetdirect printer servers; automatic switching between languages and ports. Optional: HP Business Inkjet 2230 printer: Novell® IntranetWare; NetWare 3.12, 4.x, 5.x, NDS and NDPS; HP-UX 10.20, 11.x; Solaris™ 7; IBM OS/2 Warp 4.x; AIX 3.2.5 and later; MPE-iX; Mac OS 8.6 and later; RedHat Linux 6.2; SuSE Linux 6.4; Artisoft LANtastic via HP Jetdirect printer servers.			
recommended system requirements	Supported: HP Business Inkjet 2230 printer: Microsoft Windows 95/98; Pentium® 266, 32 MB RAM; Windows Me; Pentium 266, 64 MB RAM; Windows NT 4.0; Pentium 266, 64 MB RAM; Windows 2000: Pentium 266, 64 MB RAM; Windows XP: Pentium 300, 128 MB RAM. HP Business Inkjet 2280/tn printer: Microsoft Windows 95/98; Pentium 266, 32 MB RAM; Windows Me; Pentium 266, 64 MB RAM; Windows NT 4.0; Pentium 266, 64 MB RAM; Windows 2000: Pentium 266, 64 MB RAM; Windows XP: Pentium 300, 128 MB RAM; Apple Macintosh OS 8.6: 32 MB RAM.			
memory	Standard: HP Business Inkjet 2230 printer: 16 MB; HP Business Inkjet 2280/tn printer: 48 MB Upgrade: Expandable up to 176 MB through industry-standard DIMM slot on HP PCL5/Postscript level 3 card (standard with the HP Business Inkjet 2280/tn printer).			
printer languages	Standard: HP Business Inkjet 2230 printer: PCL 3 with High Performance Architecture (HPA); HP Business Inkjet 2280/tn printer: PCL 3 with High Performance Architecture (HPA), HP PCL 5C, HP Postscript level 3. Optional: HP Business Inkjet 2230 printer: HP PCL 5C, HP Postscript level 3.			
control panel	Intuitive operation and easy to understand messages, two-line 32 character LCD display (messages can be displayed in 15 languages) and one bi-color (red/green) LED; buttons: power, resume, job cancel, menu, item, value.			
typefaces	HP Business Inkjet 2280/2280tn: 45 TrueType™ and 35 PostScript® fonts built-in, all HP Postscript and HP PCL 5Ce accessible; optional HP Fontsmart software provides simple font management, intelligfont and TrueType rasterizer built into PCL5Ce; built-in support for Arabic, Cyrillic, Greek and Hebrew symbol sets.			
smart software features	HP Zoomsmart, tiling, watermarks, different first page, optimised for photocopy/fax mode, handouts, manual duplex.			
duty cycle	10,000 pages per month			
recommended media weight	Paper: 60 to 105 g/m ² , cardstock: 110 to 200 g/m ² .			
media sizes	Standard: A4, A5, A6. Custom: 102 x 152 mm to 216 x 356 mm.			
media types	Paper (plain, inkjet, photo - matte and glossy), transparency, brochure - matte and glossy, labels, cards, envelopes.			
maximum print area	203 x 343 mm			
print margins:	Top: 1 mm, left: 6.35 mm, right: 6.35 mm, bottom: 11.7 mm.			
media handling	Standard 250-sheet input capacity, optional second 250-sheet paper tray (standard with the HP Business Inkjet 2280tn), standard 150-sheet output capacity. Tray 1 (upper tray): paper - up to 250 sheets, cardstock - up to 100, labels - up to 40; tray 2 (lower tray) paper up to 250 sheets. Duplex printing: Two sided printing capability: manual (driver support provided).			
power supply	Internal universal power supply			
power requirements	Input voltage 100-240 AC (+/- 10%), 50/60 Hz (+/- 3 Hz).			
power consumption	2 watts maximum (off), 8 watts maximum (non-printing), 68 watts maximum (printing).			
interface and connectivity	Standard: HP Business Inkjet 2230 printer: IEEE 1284-compliant bidirectional parallel port, two open EIO slots; HP Business Inkjet 2280 printer: IEEE 1284-compliant bidirectional parallel port, HP PCL 5C and HP Postscript level 3 emulation upgrade kit in first EIO slot, one open EIO slot; HP Business Inkjet 2280tn printer: IEEE 1284-compliant bidirectional parallel port, HP PCL 5C and HP Postscript level 3 emulation upgrade kit in first EIO slot, HP Jetdirect 615n internal print server for fast Ethernet 10/100Base-TX in second EIO slot. Optional: HP Jetdirect (EIO) internal print servers; HP Jetdirect external print servers; HP wireless 802.11b (EIO) internal print server; HP Jetdirect connectivity card (EIO) for USB, serial, and LocalTalk connectivity.			
dimensions (w x d x h)	HP Business Inkjet 2230/80 printer: 512 x 514 x 208 mm, HP Business Inkjet 2280tn printer: 512 x 517 x 291 mm.			
product weight	HP Business Inkjet 2230/80 printer: 10.5 kg. HP Business Inkjet 2280tn printer: 14.5 kg.			
operating environment	Environmental ranges: Operating temperature: 5 to 40° C. Operating humidity: 20 to 80% RH. Recommended operating temperature: 15 to 35° C. Storage temperature: -40 to 60° C. Noise level per ISO 9296: Sound power: 59 dB(A), Sound pressure: 49 dB(A) by-stander position.			
ENERGY STAR	Yes			
certifications	EMC certification: CE (European Union), B mark (Poland), GOST (Russia); Regulatory standards: Safety certifications: TÜV-GS (Germany), SABS (South Africa); EMI certifications: CE (European Union), B mark (Poland), GOST (Russia).			
warranty	1 year limited warranty			

ordering information

c8119a	hp business inkjet 2230 printer four ink cartridges (1 each black, cyan, magenta, and yellow), four printheads (1 each black, cyan, magenta, and yellow), printer software CD-ROM, power cord, reference guide, setup guide
c8120a	hp business inkjet 2280 printer includes same as above plus: preinstalled hp PCL 5C and hp postscript level 3 emulation
c8121a	hp business inkjet 2280tn printer includes same as above plus: preinstalled hp jetdirect 615n EIO print server (10/100 Base-TX), second 250-sheet paper tray
accessories	
c8230a	250-sheet second paper tray
c8229a	hp PCL 5C and hp postscript level 3 emulation upgrade kit
j6057a	hp jetdirect 615n internal print server (EIO, 10/100 Base-TX)
j4167a	hp jetdirect 610n internal print server (EIO, Token Ring)
j6058a	hp jetdirect 680n 802.11b internal wireless print server
	any hp jetdirect EIO print server
f1622c	hp 128 MB SDRAM, PC-133 module
c2951a	hp IEEE-1284-compliant bidirectional parallel cable 2 m
c2950a	hp IEEE-1284-compliant bidirectional parallel cable 3 m
supplies	
c4844ae	hp no. 10 large black ink cartridge (69 ml)
c4836ae	hp no. 11 cyan ink cartridge (28 ml)
c4837ae	hp no. 11 magenta ink cartridge (28 ml)
c4838ae	hp no. 11 yellow ink cartridge (28 ml)
c4810ae	hp no. 11 long-life black print head
c4811ae	hp no. 11 long-life cyan print head
c4812ae	hp no. 11 long-life magenta print head
c4813ae	hp no. 11 long-life yellow print head
support pack and services	
h5576pa/pe	hp supportpack - next day replacement, 1 year post warranty
h7674a/e	hp supportpack - next day replacement, 3 years

<http://www.hp.com> <http://www.hp.com/go/businessinkjet>

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (02) 778 34 00, **Luxembourg:** (+352) 263 160 34, **Bulgaria:** (+359) 2960 1940, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech republic:** (00 420 2) 613 07 111 (Prague), **Denmark:** 45991700 or 70101125, **Egypt:** 532 2222, **Estonia:** (+372) 6505 263, **Finland:** (09) 88721, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (12 Cent/min), **Greece:** (01) 678 96 00, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** + 353 1 6158200, **Israel:** (972) 9 8304848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Latvia:** (371) 800 80 12, **Lithuania:** (370) 2 787 333, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia 0-801 607 607 (0,29 zł + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **RSA:** (271)11 785 1000, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Slovakia:** +421-2-50205611, **Spain:** (91) 6311600, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Tunisia:** 71 891 222, **Turkey:** +90 (216) 579 71 71, **UAE:** 8004910, **UK:** 08705 474747, **Ukraine:** +380 44 490 61 20, **Yugoslavia:** +381 11 322 80 14.

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