



anytime



anywhere

data sheet



hp deskjet 450 series mobile printers

450ci • 450cbi

The HP Deskjet 450 series mobile printers deliver the complete mobile office printing solution for mobile professionals who need high-quality, high-performance desktop printing—anytime, anywhere.

high-performance mobility

- compact, lightweight, and stylish—yet power-packed for rugged, mobile use
- uncompromised desktop printing—photo-quality printing with up to 4800 by 1200 optimized dpi on premium photo paper and print speeds of up to 9 pages per minute in black and up to 8 pages per minute in color
- true-to-life photo printing—new hp PhotoREt IV six-ink technology is available with the purchase of a separate optional photo inkjet print cartridge

flexible connections

- seamless printing from mobile devices—for worry-free printing from any location the hp deskjet 450 printer connects to Windows® notebooks, Macintosh PowerBooks, Palm OS handhelds, Pocket PCs, Win CE handhelds, and select Bluetooth enabled mobile phones
- prints images from CompactFlash cards via digital cameras or Pocket PCs—without additional cables or PC connections

convenience

- wired and wireless connectivity options—includes USB and parallel ports for direct connectivity and for wireless printing Fast IR or optional Bluetooth capability
- high-capacity print cartridges that deliver up to 450 pages black and 400 pages color—with these specially designed print cartridges you don't have to pack extra cartridges when you travel and you can count on getting the reliable, high-quality output you need
- long-lasting Lithium-ion battery—with the power to keep up with the busiest users, the Lithium-ion battery prints up to 350 pages per charge and its compact design allows easy mobility (optional with 450ci, standard with 450cbi)
- integrated “pack-and-go” foldable sheet feeder—the hp deskjet 450 series mobile printers feature a foldable 45-sheet feeder that can handle specialty photo papers and note cards as well as letter-size paper, plus it doubles as a durable top cover

HP provides compatible, reliable, high-performance mobile solutions—notebook computers, mobile color printers, digital cameras, PDAs, and digital projectors—so you can do business when and where you need to.

hp deskjet 450 series mobile printers

hp deskjet 450cbi shown

up to 9 ppm black and
up to 8 ppm color printing

lightweight—only
4.2 pounds (4.6
pounds with the
attached battery

compact size—
13.3 by 3.2 by
7.3 inches

foldable, integrated
sheet feeder—up to
45-sheet capacity and
compatible with a range
of media including
general office paper,
transparencies, and
glossy photo paper

direct storage card/
CompactFlash
card printing

Bluetooth capable via
CompactFlash card
(optional)

parallel, USB, and
Fast Infrared connectivity

supports a wide range
of operating systems
including Windows,
Macintosh, Palm OS,
Pocket PC 2000/2002,
and Win CE



one-touch power,
resume, and cancel
buttons plus easy-to-read
LED indicators

long-life Lithium-ion
battery (optional
with 450ci)

dual carriage,
long-lasting print
cartridges with
optional photo print
cartridge for six-ink
color printing

compatible with
Kensington®
hardware lock

industry-leading resolution—up to
4800 by 1200 optimized dpi

simple front door access for easy
print cartridge loading and routine
maintenance

features that ensure reliable mobile printing

- compact size and rugged design—fits into most notebook computer cases, drop-tested at up to 2.5 feet
- longer lasting ink cartridges—up to 450-page capacity black cartridge and up to 400-page capacity color cartridge reduce the need to travel with extra cartridges
- ink back-up mode—ensures that if either the black or the color cartridge runs out, the printer completes printing the job by using the remaining cartridge
- rechargeable Lithium-ion battery—prints up to 350 pages per charge, requires only 1.5 hours to recharge and you can keep printing while battery recharges (standard with 450cbi)
- foldable, integrated sheet feeder—doubles as a durable top cover for the printer
- wireless connectivity via Fast IR or optional Bluetooth accessory card
- plus optional accessories: 12 volt auto/airline adapter, and carrying case

mobility @ work mobility @ home

mobility @ work

immediate, on-demand professional printing, anytime, anywhere

When you are on the go 24/7 you need professional mobile tools that give you the competitive edge without weighing you down or holding you up.

You need:

- color printing capabilities anytime, anywhere
 - easily connects to your PC or Macintosh notebook computer so that you can print contracts or sales orders that are ready for your client's signature
 - through your Internet-connected portable device, you can print the latest marketing collateral and price lists
 - take photos of the property, insurance claim, or product prototype and print them directly from your camera's CompactFlash card¹
- a reliable solution
 - easy to set up and use with integrated, fold-up paper tray so you can print on your client's desk, in your hotel room, in the car, or even on the plane
 - the printer, the long-lasting battery, and the print cartridges have been environment tested, including temperature, vibration, and drop so you know this printer can go anywhere you go
- low total cost of ownership
 - your most valuable assets—your time and your clients—are protected with this highly reliable device that prints documents that reflect your professionalism and respond to your clients' immediate needs
 - with longer-lasting, high-capacity print cartridges you save time with less user intervention, you reduce cost with less frequent replacement, and you gain reliable, consistent-quality output

¹ Applies to digital cameras which support Digital Print Order Format (DPOF v1.1).

mobility @ home

total freedom with a high-performance, compact desktop-quality printer

Mobile professionals can use the printer they travel with to print at home and in the office because the HP Deskjet 450 series mobile printers provide the print quality and speed of a desktop printer.

One simple printing solution:

- while on the road, you appreciate the high print quality, speed, high-capacity print cartridges, and portability of the HP Deskjet 450 series mobile printers
- after you travel, you can easily connect to your home PC or Macintosh and print the results of your trip, the completed contracts, or your updated schedule
- at the office, you don't have to worry about connections or transferring files because you can conveniently set up your mobile solution at your desk and reliably use the familiar tools that serve you so well on the road
- printing up to 9 pages per minute in black and up to 8 pages per minute in color with a 45-page sheet feeder, the HP Deskjet 450 series mobile printers can print multi-page, high-resolution, color documents with ease while on the road or at your desk

service and support from hp

When you are traveling you need to know that all of your business tools are always ready and working at their optimum capability. HP's reputation for reliability and award-winning customer care ensures your productivity. The HP Deskjet 450 series mobile printers come standard with a one-year limited warranty backed by phone support from award-winning HP Customer Care. You can increase your support with an HP Express Exchange Supportpack.

complete mobile solutions from a trusted partner

Customers around the world count on HP to provide business critical support that gets results and contributes to business success. The HP mobile product portfolio ensures reliability, compatibility, and high-quality performance when and where you need it most—including notebook computers, handheld PCs and PDAs, digital cameras, and digital projectors.



technical specifications hp deskjet 450 series	hp deskjet 450ci		hp deskjet 450cbi	
	C8111A		C8112A	
duty cycle, monthly	up to 500 pages per month, letter			
print speed (ppm)		draft	normal	best
	black:	9	5	1.6
	color:	8	2	1
	full page color photo:	0.5	.03	0.14 *
	4 by 6-inch color photo:	1.1	0.7	0.4
	* Up to 4800 by 1200 optimized dpi color printing on hp premium photo papers and 1200 by 1200 dpi.			
resolution	black: up to 1200 by 1200 dpi color: up to 4800 by 1200 dpi on photo paper			
memory	16 MB RAM/4 MB ROM			
connectivity, std	parallel, USB, Fast Infrared, CompactFlash card slot			
printer dimensions	13.3 by 3.2 by 6.5 in (338 by 82.5 by 164 mm)		13.3 by 3.2 by 7.3 in (338 by 82.5 by 188 mm) with battery	
printer weight	4.2 lbs (1.9 kg)		4.6 lbs (2.08 kg) with battery	
input capacity	45-sheet input tray			
media type	copier, bond, recycled, multipurpose, premium inkjet, premium inkjet heavyweight, premium transparency, premium plus photo paper, photo paper, professional brochure (matte and glossy), labels, and cards			
sizes	letter, cards, executive, legal			
weights	17 to 24 lb bond paper, 110 lb cardstock (maximum)			
print languages, std	hp PCL 3 enhanced			
print technology, std	hp PhotoREt III printing technology			
print technology, opt	hp PhotoREt IV**			
	** Enabled in six-ink printing, available with separate purchase of photo cartridge; not included.			
operating systems	Microsoft® Windows 98, NT® 4.0, 2000, ME, XP, CE 3.0 and later, Microsoft for PocketPC, Mac OS 8.6 and above (including OS X), Palm OS 3.0 and later			
what's in the box	hp deskjet 450ci mobile printer, A/C adapter, power cord, parallel printer cable, reference guide, setup roadmap, regulatory guide, printer software CD-ROM, hp 56 black print cartridge (19 ml), hp 57 tri-color print cartridge (17 ml)		hp deskjet 450cbi mobile printer, A/C adapter, power cord, parallel printer cable, reference guide, setup roadmap, regulatory guide, printer software CD-ROM, hp 56 black print cartridge (19 ml), hp 57 tri-color print cartridge (17 ml), fast-charging, long lasting Lithium-ion battery	

ordering information

number description

C8111A	HP Deskjet 450ci printer (base model)
C8112A	HP Deskjet 450cbi printer (base model plus battery)

service and support

H3685E	HP Supportpack, 1-year, next-day exchange warranty
H3684E	HP Supportpack, 2-year, next-day exchange warranty
H3683A/E	HP Supportpack, 3-year, next-day exchange warranty
H5776PE	HP Supportpack, 1-year, next-day exchange post warranty
H7627PA/PE	HP Supportpack, 3-year, next-day exchange post warranty

supplies and accessories

C8222A	HP Lithium-ion battery
C8231A	Parallel printer cable
C6518A	USB cable
F1455A	HP 12 V auto/airline adapter
C8232A	HP carrying case for notebook and mobile printer
C8242A	HP compact carrying case for notebook and mobile printer
C8233A	HP travel holder for black or photo print cartridges

print cartridges

C6656A	HP 56 Black inkjet print cartridge, 19 ml
C6657A	HP 57 Tricolor inkjet print cartridge, 17 ml
C6658A	HP 58 Tricolor photo inkjet print cartridge, 17 ml

media

HPM1120	HP Multipurpose paper, letter, 500 sheets
HPP1122	HP Printing paper, letter, 500 sheets
HP C8511	HP Office paper, letter, 500 sheets
HPE1120	HP Office recycled paper, 500 sheets
HPEB250	HP Bright white inkjet paper, letter, 250 sheets
51634Z	HP Premium inkjet paper, letter, 200 sheets
C1852A	HP Premium inkjet heavyweight paper, letter, 100 sheets
C6979A	HP Premium photo paper, glossy, letter, 50 sheets

For a complete list of printing materials and selection numbers, please refer to our web site at www.hp.com

font capabilities

13 built-in fonts in portrait orientation: CG Times, CG Times Italic, Universe, Universe Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic

environmental ranges

Operating temperatures: 32 to 131° F (0 to 55° C)
Storage temperatures: -40 to 158° F (-40 to 70° C)
Operating humidity: 20 to 80% RH non-condensing

acoustics

Sound pressure: 45 dB(A), Sound power: 5.8 B(A)

power requirements

100 to 240 AC, 50/60 Hz, 19 VDC, 3.16A (A/C adapter)

power consumption

Maximum printing: 25 watts
Maximum non-printing: 5 watts
Maximum consumption while battery is charging: 53 watts
Off: < 2 watts

power certification

Safety certifications: UL, CSA
Electromagnetic compatibility: FCC Title 47 CFR Part 15 Class B, ICES

warranty

One-year limited warranty

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