Data sheet

HP DeskJet Ink Advantage 3790 All-in-One Printer

Wireless printing that fits your budget, style, and space

Save space and money and print wirelessly with the world's smallest all-in-one printer.[1] Get ink cartridges at a low cost and all the power you need in this amazing, compact style printer. Print, scan, and copy from virtually any mobile device.[2]
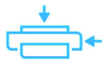
Highlights

- Scroll-Feed Scan Technology
- HP Mobile Printing
- HP ePrint
- 8 (black) / 5.5 (colour) ISO print speed

Mobile printing

Ultra-compact

Quiet mode

HP Scan Scroll

The tiny all-in-one that packs a punch

- Save space and get all the power you need with the world's smallest all-in-one printer.[1]
- HP Scroll Scan helps you easily handle most scan jobs, from a variety of papers.
- Any room, any spot – this ultracompact all-in-one is designed to fit where you need it.
- Show your style with a sleek design and a variety of head-turning hues.

Quickly print right from your mobile device[2]

- The easiest way to print documents, photos, and more from your Apple, Android, and Windows devices.[3,4]
- Connect your smartphone or tablet directly to your printer, and easily print without a network.[5]
- Get connected quickly and start printing fast with easy setup from your smartphone or tablet.[6]
- Scan any object on the go with the HP All-in-One Printer Remote mobile app for your smartphone or tablet.[7]
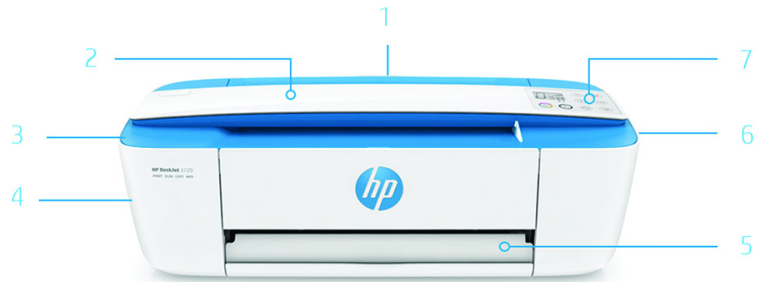
Fits your budget, fits your needs

- Wirelessly print, scan, and copy what you need quickly and easily with this affordable all-in-one.
- Count on quality printing, using affordable Original HP ink cartridges.
- Easily recycle your Original HP cartridges at no charge through HP Planet Partners.[8]

Product walkaround

HP DeskJet Ink Advantage 3790 All-in-One Printer shown

1. 60 sheet input tray
2. HP Scroll Scan for scanning and copying
3. Fresh, fun colour options
4. Quiet mode
5. Up to 25 sheet enclosed output tray
6. Built-in Wi-Fi Direct® and wireless networking
7. Intuitive icon LCD display and control panel buttons

Accessories, Supplies and Support

Supplies	**F6V24AE** HP 652 Tri-color Original Ink Advantage Cartridge (~200 pages)
	F6V25AE HP 652 Black Original Ink Advantage Cartridge (~360 pages)
Service and Support	**UG187E** HP 3 year Care Pack with Standard Exchange for Multifunction Printers **UG062E** HP 3 year Care Pack with Next Day Exchange for Multifunction Printers **UG235E** HP 3 year Care Pack with Return to Depot Support for Multifunction Printers

Technical specifications

Model	HP DeskJet Ink Advantage 3790 All-in-One Printer
Product number	T8W47C
Functions	Print, copy, scan, wireless
Control panel	7 lights: Ink Status, Copy Ready, Web Services (2), Wi-Fi, Wi-Fi Direct, Attention; 8 buttons: Cancel, Resume, Info, Wi-Fi, Wi-Fi Direct, Web Services, Colour Copy, Black Copy
Print	
Print technology	HP Thermal Inkjet
Print speed[1]	**Black (A4, ISO)**: Up to 8 ppm; **Colour (A4, ISO)**: Up to 5.5 ppm; **Black (General Office)**: Up to 19 ppm; **Colour (General Office)**: Up to 15 ppm;
First page out	**Black (A4, ready)**: As fast as 15 sec; **Colour (A4, ready)**: As fast as 18 sec;
Print resolution	**Black (best)**: Up to 1200 x 1200 rendered dpi; **Colour (best)**: Up to 4800 x 1200 optimised dpi colour (when printing from a computer and 1200 input dpi);
Monthly duty cycle	Up to 1,000 pages A4; **Recommended monthly page volume**: 50 to 200

Technical specifications

Model	HP DeskJet Ink Advantage 3790 All-in-One Printer
Product number	T8W47C
Printer smart software features	Manual Duplex
Standard print languages	HP PCL 3 GUI
Print area	**Print margins** Top: 3 mm, Bottom: 12.7 mm, Left: 3 mm, Right: 3 mm; **Maximum print area**: 216 x 355 mm
Borderless printing	No
Print cartridges number	2 (1 black, 1 tri-colour)
Multitasking supported	No
Memory card compatibility	None
Duplex printing	Manual (driver support provided)
Copy	
Copy speed[2]	**Black (A4, ISO)**: Up to 4 cpm; **Colour (A4, ISO)**: Up to 2.5 cpm
Copier specifications	Reduce to fit (don't support auto-enlarge); **Maximum number of copies**: Up to 9 copies; **Copy resolution**: Up to 300 x 300 dpi;
Scan	
Scan file format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)
Scanner specifications	**Scanner type**: Single-page document feeder; **Scan input modes**: Scanning via HP Photosmart Software; **Twain version**: Version 2.1; **Optical scan resolution**: Up to 600 dpi
Scanner advanced features	None
Scannable area	**Maximum media size (ADF)**: 216 x 355 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	**Standard** No;
Processor speed	360 MHz
Connectivity	
Standard	1 Hi-Speed USB 2.0
Wireless	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability	HP ePrint; Apple AirPrint™; Wireless Direct Printing
Supported network protocols	TCP/IP
Network capabilities	Yes, via built-in wireless 802.11b/g/n
Memory	**Standard**: 64 MB Integrated DDR1; **Maximum** : 64 MB Integrated DDR1
Paper handling	
Number of paper trays	**Standard**: 1; **Maximum**: 1
Media types	Plain paper, matte brochure papers, glossy brochure papers, photo papers, envelopes, other specialty inkjet papers
Media size	**Custom (metric)**: 76 x 127 to 216 x 356 mm **Supported (metric)**: A4, A6, B5, DL envelope (note: many other media sizes are supported, anything from 76.2 x 127 to 215.9 x 355.6 mm)
Media handling	**Standard input**: 60-sheet input tray **Standard output**: 25-sheet output tray
Media weight	A4: 60 to 90 g/m²; HP envelopes: 75 to 90 g/m²; HP cards: up to 200 g/m²; HP 10 x 15 cm photo paper: up to 300 g/m²
Input capacity	**Standard**: Up to 60 sheets **Maximum**: Up to 60 sheets
Output capacity	**Standard**: Up to 25 sheets Envelopes: Up to 5 envelopes Labels: Up to 10 sheets Cards: Up to 20 cards **Maximum**: Up to 25 sheets

Model	HP DeskJet Ink Advantage 3790 All-in-One Printer
Product number	T8W47C
Compatible operating systems	Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Vista; Mac OS X v10.8 Mountain Lion, OS X v10.9 Mavericks, OS X v10.10 Yosemite
Minimum system requirements	**Windows**: Windows 10, 8.1, 8, 7: 32-bit/64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista: 32-bit only, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8 **Mac**: OS X v10.9 Mavericks, OS X v10.10 Yosemite, OS X v10.11 El Capitan; 1 GB available hard disk space; Internet; USB
Software included	HP Printer Software, HP Update, HP Photo Creations
Dimensions and weight	
Printer dimensions (W x D x H)	**Minimum** 403 x 177 x 141 mm; **Maximum**: 403 x 451 x 264 mm;
Package dimensions (W x D x H)	450 x 175 x 246 mm
Printer weight	2.33 kg
Package weight	3.34 kg
Operating environment	**Temperature**: 5 to 40ºC **Humidity**: 20 to 80% RH
Storage	**Temperature**: -40 to 60ºC **Humidity**: 5 to 90% RH (non-condensing)
Acoustics	**Acoustic power emissions**: 6.2 B(A) normal mode; 5.5 B(A) quiet mode
Power[5]	**Requirements**: Input voltage 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3Hz); **Consumption**: 0.06 watts (off), 2.2 watts (standby), 0.69 watt (sleep); **Typical Electricity Consumption (TEC)**: 0.026 kWh/Week (based customer using printer daily for 15 seconds); **Power supply type**: Built-in power supply;
Energy savings feature technology	HP Auto-Off Technology
Certifications	ENERGY STAR® certified
What's in the box	HP DeskJet Ink Advantage 3790 All-in-One Printer; HP 652 Setup Black Ink Cartridge (~360 pages); HP 652 Setup Tri-colour Ink Cartridge (~200 pages); Ink caution flyer; Power cord; For ink volume and page yield information, visit http://www.hp.com/go/learnaboutsupplies.
Warranty	This product includes one-year technical support; One-year limited hardware warranty; Access to 24/7 web support services through http://www.hp.com/support/dj3700

Footnotes

[1] Based on a Buyers Laboratory Inc. 2016 study commissioned by HP comparing the dimensions of worldwide Inkjet all-in-one home printers < €250. For details, see: http://www.hp.com/go/smallestAiOclaims.
[2] Local printing requires mobile device and printer to be on the same network or have a direct wireless connection. Remote printing requires an Internet connection to an HP web-connected printer. For details on how to print, including whether an app is required, see http://www.hp.com/go/mobileprinting.
[3] In comparison to the majority of inkjet all-in-one printers < €399 targeted to consumer/home office as of Q3 '15 based on market share as reported by IDC. App download required for printer setup, HP ePrint account registration may be required. Wireless operations are compatible with 2.4 GHz operations only. See http://www.hp.com/go/mobileprinting for more details.
[4] Apple AirPrint™, supported on iPhones®, iPads®, and iPods® using iOS v4.2 and higher. Android™ in-OS printing supported on Android devices using OS v4.4 and higher and may require the installation of the HP printer service plug-in from the Google™ play store. Windows® in-OS printing supported on Windows® 8/10 and Windows® Mobile 10 smartphones and tablets. Remote printing requires an internet connection to an HP web-connected printer. For details on how to print, including whether an app is required, see http://www.hp.com/go/mobileprinting.
[5] Mobile device needs to be connected directly to the Wi-Fi Direct® signal of a Wi-Fi Direct supported AiO or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see http://www.hp.com/go/mobileprinting. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®.
[6] Requires HP All-in-One Printer Remote mobile app download and is compatible with iPhone® 4 and later, iPad® 4th generation, iPad mini™, iPad Air®, iPod®, and mobile devices using Android™ 4.0.3 or later. For a full list of supported operating systems, see http://www.hp.com/go/mobileprinting.
[7] Compatible with iPhone® 4 and later, iPad® 4th generation, iPad mini™, iPad Air®, iPod® 5G using iOS 7 or later, and mobile devices using Android™ 4.0.3 or later. Features controlled may vary by mobile device operating system. For mobile scanning, device camera requires 5 megapixels or greater with autofocus capability.
[8] Programme availability varies. For more information, visit http://www.hp.com/recycle.

Technical specifications disclaimers

[1] Either after first page or after first set of ISO test pages. For details see: http://www.hp.com/go/printerclaims.
[2] Speed specifications have been updated to reflect current industry testing methods.
[3] Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only; Excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see http://www.hpconnected.com. Print times and connection speeds may vary. AirPrint™ supports OS X® Lion, OS X® Mountain Lion and the following devices running iOS 4.2 or later: iPad®, iPhone® (3GS or later), iPod touch® (3rd generation or later) and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows® is a trademark of the Microsoft group of companies. BlackBerry® names and logos are the property of Research In Motion Limited. Android is a trademark of Google Inc.
[4] Dimensions vary as per configuration.
[5] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.