HP DeskJet 2820e All-in-One Printer

Brand : HP   **Product family:** DeskJet   **Product code:** 588K9B

Product name : DeskJet 2820e
All-in-One Printer

- Scan to PDF
- Print, copy, scan
- Print speed up to 7.5 ppm (black) and 5.5 ppm (color)
- Up to 1200 x 1200 rendered dpi

DeskJet 2820e All-in-One Printer
HP DeskJet 2820e All-in-One Printer. Print technology: Thermal inkjet, Printing: Colour printing, Maximum resolution: 4800 x 1200 DPI, Print speed (colour, normal quality, A4/US Letter): 5.5 ppm. Copying: Colour copying, Maximum copy resolution: 300 x 300 DPI. Scanning: Colour scanning, Optical scanning resolution: 1200 x 1200 DPI. Duplex functions: Print. Maximum ISO A-series paper size: A4. Wi-Fi. Product colour: Grey

Printing

Duplex printing mode	Manual
Print resolution colour	4800 x 1200 DPI
Print resolution black	1200 x 1200 DPI
Print technology *	Thermal inkjet
Printing *	Colour printing
Duplex printing *	✔
Maximum resolution *	4800 x 1200 DPI
Print speed (black, normal quality, A4/US Letter) *	7.5 ppm
Print speed (colour, normal quality, A4/US Letter)	5.5 ppm
Print speed (black, draft quality, A4/US Letter)	20 ppm
Print speed (colour, draft quality, A4/US Letter)	16 ppm
Print speed (ISO/IEC 24734) black	7.5 ppm
Print speed (ISO/IEC 24734) colour	5.5 ppm
Time to first page (black, normal)	15 s
Time to first page (colour, normal)	19 s
Borderless printing	✘

Copying

Duplex copying *	✔
Copying *	Colour copying
Maximum copy resolution *	300 x 300 DPI
Maximum number of copies	9 copies

Scanning

Duplex scanning *	✘
Scanning *	Colour scanning
Optical scanning resolution *	1200 x 1200 DPI
Maximum scan area	209.9 x 349.6 mm
Scanner type *	Flatbed & ADF scanner
Document formats supported	PDF
Scan drivers	TWAIN

Fax

Faxing *	✘

Performance

Processor frequency	1000 MHz
Sound power level (printing)	6.1 dB

Design

Product colour *	Grey
Colour name	Cement
Market positioning *	Home & office
Built-in display *	✔
Display	LCD
Control type	Buttons

Power

Power consumption (ready)	2.8 W
Power consumption (sleep)	1.4 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Brand-specific features

HP Dynamic security	✔
HP GTIN (EAN/UPC)	196337380042

System requirements

Windows operating systems supported	Windows 11, Windows 10
Mac operating systems supported	Mac OS X 10.15 Catalina, Mac OS X 13.0 Ventura, Mac OS X 11.0 Big Sur, Mac OS X 10.14 Mojave, Mac OS X 12.0 Monterey
Other operating systems supported	ChromeOS

Operational conditions

Operating relative humidity (H-H)	20 - 80%
Operating temperature (T-T)	5 - 40 °C
Non-operating relative humidity (non-condensing)	5 - 90%
Operating altitude	0 - 3000 m
Non-operating altitude	0 - 4500 m

Features

Recommended duty cycle	50 - 100 pages per month
Maximum duty cycle *	1000 pages per month
Duplex functions *	Print
Number of print cartridges *	2
Printing colours *	Black, Cyan, Magenta, Yellow
Page description languages	URF, PCLm, PCL 3 GUI
All-In-One-multitasking	✔
Country of origin	China
Replacement cartridges	HP 305 Black Original Ink Cartridge (~120 pages yield); 3YM62AE HP 305XL Black High-Yield Original Ink Cartridge (~240 pages yield); 3YM60AE HP 305 Tri-Colour Original Ink Cartridge (~100 pages yield); 3YM63AE HP 305XL Tri-Colour High-Yield Original Ink Cartridge (~200 pages yield). Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies
HP segment	Home

Input & output capacity

Total number of input trays *	1
Total input capacity *	60 sheets
Total output capacity *	25 sheets
Auto document feeder (ADF)	✘
Maximum number of input trays	1
Maximum input capacity	60 sheets
Maximum output capacity	25 sheets

Paper handling

Maximum ISO A-series paper size *	A4
Maximum print size	209.9 x 349.6 mm
Paper tray media types *	Envelopes, Photo paper, Plain paper
ISO A-series sizes (A0...A9) *	A4, A6
ISO B-series sizes (B0...B9)	B5
Envelopes sizes	B5, DL
Paper tray media weight	60 - 300 g/m²

Ports & interfaces

Direct printing *	✘
USB port	✔
USB 2.0 ports quantity	1
Optional connectivity	Bluetooth, Wireless LAN

Network

Wi-Fi *	✔
Ethernet LAN *	✘
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth	✔
Mobile printing technologies	Apple AirPrint, Mopria Print Service

Performance

Maximum internal memory	64 MB
Internal memory *	64 MB
Built-in processor	✔

Certificates

Certification	EN 55032:2015+A11:2020 CLASS B, IEC 61000-4-2:2008,EC 61000-4-2:2008, IEC 61000-4-3:2020,IEC 61000-4-4:2012, IEC 61000-4-5:2014+A1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2004+A1:2017, EN 301 489-1 V2.2.3,EN 301 489-17 V3.2.4, FCC CFR 47 PART 15, ICES-003, ISSUE 7

Sustainability

Sustainability compliance	✔
Sustainability certificates	Post-Consumer Recycled Plastic

Carbon footprint

Total carbon footprint (kg of CO2e)	40
Carbon emissions, manufacturing (kg of CO2e)	34
Carbon emissions, logistics (kg of CO2e)	2
Carbon emissions, end-of-life (kg of CO2e)	3
Total carbon emissions, w/o use phase (kg of CO2e)	4

Weight & dimensions

Width	425 mm
Depth	304 mm
Height	154 mm
Weight	3.42 kg

Packaging data

Package width	475 mm
Package depth	191 mm
Package height	354 mm
Package weight	4.58 kg

Packaging content

Cartridge(s) included	✔
Included cartridge capacity (black)	100 pages
Included cartridge capacity (CMY)	50 pages
Cables included	AC
Bundled software	HP Printer Software, available online

Logistics data

Harmonized System (HS) code	8443310000
Pallet gross weight	351 g
Layers per pallet	6 pc(s)
Products per pallet	72 pc(s)

Technical details

Master (outer) cases per pallet layer	12 pc(s)
General Product Safety Regulation (GPSR) URL	https://support.hp.com/gb-en/product/setup-user-guides/hp-deskjet-2800e-all-in-one-printer-series/model/2101372278?sku=588K9B

Other features

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Number of users	3 user(s)
Pallet dimensions (W x D x H)	1200 x 1000 x 2261 mm
Recommended system requirements	Windows 10, 11, : 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet connection, Internet Explorer.
Number of print heads	2
Manufacturer warranty	One-year limited warranty. For more info please visit us at http://support.hp.com

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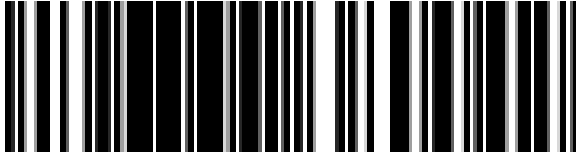
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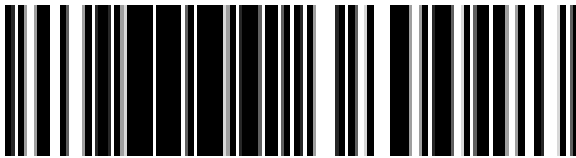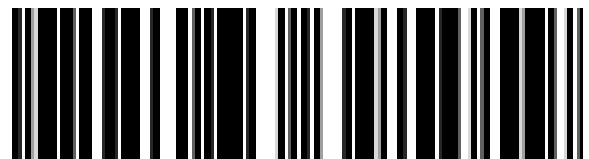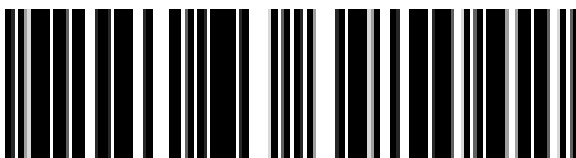
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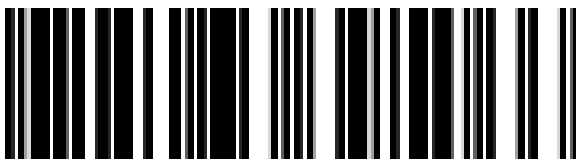
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