



HP ProDesk 2 SFF G1i E Desktop PC (B6YK1ET)

Overview

Large-scale productivity in a small-scale PC for hybrid work

The ProDesk 2 SFF G1i helps optimize business resources. Equipped with a powerful Intel® processor[2], essential tools for application and business flow requirements, and security features for business, this affordably priced and easy to set up PC has a scalable and functional design that can grow with your business.

Powered-up performance

Be prepared for work-day challenges with the latest Intel® Gen 14 processor[2], DDR5 memory, and an NVMe SSD.

Help keep hardware and data safe

Protect your investment with firmware TPM, a padlock loop, and integrated accessory and slim cable locks.[4]

Ports for easy expansion

Connect temporary devices with four USB ports on the front and fixed devices with four USB ports on the rear.

Helping protect our shared future

EPEAT® registered[6] and ENERGY STAR® certified—uses 100% sustainably sourced and recyclable outer box packaging.[5]

[2] Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance

[4] Cables and locks sold separately and not included.

[5] 100 percent outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100 percent recycled wood fiber and organic material. Any plastic cushions are made from >90 percent recycled plastic.

[6] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit <http://www.epeat.net> for more information .

Specifications

Form factor	Small form factor
Operating system	Windows 11 Pro
Processor family	13th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-13500 (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) ^[6,7]
Chipset	Intel® H770 ^[3]
Memory	16 GB DDR5-5600 MT/s (1 x 16 GB)
Memory Slots	2 DIMM
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Internal drive bays	One 3.5" HDD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 770
Audio	Realtek ALC3602-CG codec, combo audio jack with CTIA and OMTP headset support, audio line in and out, microphone in and re-tasking on jacks.
Dimensions (W x D x H)	10 x 30.8 x 30.35 cm <i>(System dimensions may fluctuate due to configuration and manufacturing variances.)</i>
Weight	5.7 kg <i>(Configured with 1 HDD and 1 ODD. Weight will vary by configuration.)</i>
Keyboard	HP 125 v2 Wired Keyboard
Pointing device	HP 125 Wired Mouse
Ports	1 USB Type-C® 10Gbps signaling rate; 3 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
Expansion slots	2 M.2; 1 PCIe 3 x1; 1 PCIe 4 x16 ^[9,10,11] <i>(1 M.2 slot for WLAN and 1 M.2 2242/2280 slot for storage.)</i>
Ports	4 USB 2.0 Type-A; 1 HDMI 1.4b; 1 DisplayPort™ 1.4a; 1 RJ-45; 1 power connector; 1 audio line-in/line-out
Package dimensions (W x D x H)	20 x 49.9 x 39.8 cm
Package weight	7.42 kg
Network interface	Realtek RTL8111K-CG GbE
Power	280 W internal power adapter, up to 92% efficiency, active PFC ^[17]
Ecolabels	ENERGY STAR® certified
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	45% post-consumer recycled plastic
Security management	Padlock loop; Trusted Platform Module (TPM) 2.0; Integrated accessories cable lock; Slim cable lock ^[14,15,16]

Software included

McAfee LiveSafe™^[12]

UPC number

199251069253

Additional specifications

Color	Jack black
Datasheet photo 1	AHID/58ab36231029c6aa5b572cf4c2edc05d6a92783c
External I/O ports footnote number	[11]
I/O Port location	Front
I/O Port location	Rear
Keyboard connectivity	Wired
Memory and storage	16 GB memory;512 GB SSD storage
Memory layout (slots & size)	1 x 16 GB
Memory module type	DIMM
Memory size	16
Memory size uom	GB
Memory speed	5600
Memory speed uom	MT/s
Memory type	DDR5
Number of memory slots	1
Operating humidity range	15 to 80% RH
Operating temperature range	41 to 95°F
Operating temperature range	5 to 35°C
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions tower	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201997.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor cache	24 MB L3
Processor core	14
Processor family	Core™ i5

Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	13th Generation
Processor maximum frequency	4.8
Processor maximum frequency uom	GHz
Processor model	13500
Processor threads	20
Product brand name	HP
Product long name specifications	HP ProDesk 2 SFF G1i E Desktop PC, Windows 11 Pro, Intel® Core™ i5, 16GB RAM, 512GB SSD
Product safety	https://support.hp.com/us-en/document/ish_6126692-6126777-16? openCLC=true
Product short name specifications	HP ProDesk 2 SFF G1i E Desktop PC, Intel® Core™ i5, 16GB RAM, 512GB SSD
Software included	HP Setup Integrated OOB
Software included	HP Documentation
Software included	HP Support Assistant
Software included	Buy Microsoft Office (sold separately)
Software included	HP System Event Utility
Software included footnote number	[13]
Standard memory note	Transfer rates up to 5600 MT/s.
Storage capacity	512
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
UNSPSC code	43211507

[3] Intel vPro® requires Windows 11, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See <http://intel.com/vpro>.

[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[9] Card sold separately.

[10] 4 serial port: optional via PCIe slot, and only available for specific region.

[11] HDMI/VGA ports will be covered up when a non-internal graphics processor is configured on shipped machine.

[12] McAfee LiveSafe™: subscription required.

[14] Security cable lock supported (sold separately).

[15] TPM feature will be supported on machine pre-configured with FreeDOS, and will be default set as enabled in BIOS setup menu if the machine is dTPM, but will be default set as disabled in BIOS setup menu if the machine is fTPM.

[16] Physical cable lock for cable management.

[17] All power supplies are not available in every region.

Monitors

Business Monitors

★ : Recommended

Series 5 Pro

HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6UT ★
HP Series 5 23.8 inch FHD Monitor - 524da	B11W5AT
HP Series 5 27 inch FHD Monitor - 527da	B11W6AT
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6A5
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6A5
HP Series 5 Pro 23.8 inch FHD Monitor - 524pf	9D9L6E9
HP Series 5 Pro 23.8 inch FHD No Stand Monitor - 524pf	9D9L6A9
HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm	9E0G9A5
HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm	9E0G9UT
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7AA
HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu	9D9V7E9
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn	9D9A7A5
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn	9D9A7AA
HP Series 5 Pro 24 inch WUXGA Monitor - 524pn	9D9A7E9
HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0A5
HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0A5
HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0E9
HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
HP Series 5 Pro 27 inch QHD No Stand Monitor - 527pq	9D9S0A9
HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm	9E0Y9A5
HP Series 5 Pro 27 inch QHD USB-C Conferencing Monitor - 527pm	9E0Y9UT
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5AA
HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu	9E0G5E9
HP Series 5 Pro 34 inch WQHD USB-C Conferencing Monitor - 534pm	9E0Z2A5
HP Series 5 Pro 34 inch WQHD USB-C Conferencing Monitor - 534pm	9E0Z2UT

E-Series

HP E22 G5 FHD Monitor	6N4E8AA
HP E22 G5 FHD Monitor	6N4E8A5
HP E22 G5 FHD Monitor	6N4E8E9
HP E24i G4 WUXGA Monitor	9VJ40AA

HP E24i G4 WUXGA Without Video Cable Monitor	9VJ40A3	
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA	
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AS	
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32E9	
HP E24mv G4 FHD Conferencing Monitor	169L0AA	
HP E24mv G4 FHD Conferencing Monitor	169L0AS	
HP E24mv G4 FHD Conferencing Monitor	169L0E9	
HP E24t G5 FHD Touch Monitor	6N6E6AA	
HP E24t G5 FHD Touch Monitor	6N6E6AS	
HP E24t G5 FHD Touch Monitor	6N6E6E9	
HP E24u G5 FHD USB-C Monitor	6N4D0A5	obsolete
HP E24u G5 FHD USB-C Monitor	6N4D0AA	
HP E24u G5 FHD USB-C Monitor	6N4D0AS	obsolete
HP E24u G5 FHD USB-C Monitor	6N4D0E9	obsolete
HP E27 G5 FHD Monitor	6N4E2A5	
HP E27 G5 FHD Monitor	6N4E2AA	
HP E27 G5 FHD Monitor	6N4E2AS	
HP E27 G5 FHD Monitor	6N4E2E9	
HP E27k G5 4K USB-C Monitor	6N4C4AA	
HP E27k G5 4K USB-C Monitor	6N4C4AS	
HP E27k G5 4K USB-C Monitor	6N4C4E9	
HP E27m G4 QHD USB-C Conferencing Aramco Monitor - E27m	B20C6AS	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AS	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29E9	
HP E27u G5 QHD USB-C Monitor	6N4D3A5	
HP E27u G5 QHD USB-C Monitor	6N4D3AA	
HP E27u G5 QHD USB-C Monitor	6N4D3AS	
HP E27u G5 QHD USB-C Monitor	6N4D3E9	
HP E32k G5 4K USB-C Monitor	6N4D6A5	
HP E32k G5 4K USB-C Monitor	6N4D6AA	
HP E32k G5 4K USB-C Monitor	6N4D6AS	
HP E32k G5 4K USB-C Monitor	6N4D6E9	
HP E34m G4 WQHD Curved USB-C Conferencing Aramco Monitor - E34m	B20C5AS	
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AA	
HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26AS	

HP E34m G4 WQHD Curved USB-C Conferencing Monitor	40Z26E9
HP E45c G5 DQHD Curved Monitor	6N4C1AA
HP E45c G5 DQHD Curved Monitor	6N4C1AS
HP E45c G5 DQHD Curved Monitor	6N4C1E9

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66AA
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P-Series

HP P22h G5 FHD Monitor	64W30AA
HP P22h G5 FHD Monitor	64W30AS
HP P24h G5 FHD Monitor	64W34AA
HP P24h G5 FHD Monitor	64W34AF
HP P24h G5 FHD Monitor	64W34AS
HP P27 G5 FHD Monitor	64X69AA
HP P27 G5 FHD Monitor	64X69AS
HP P27h G5 FHD Monitor	64W41AA
HP P27h G5 FHD Monitor	64W41AF
HP P27h G5 FHD Monitor	64W41AS
HP P34hc G4 WQHD USB-C Curved Monitor - P34hc	21Y56AA
HP P34hc G4 WQHD USB-C Curved Monitor - P34hc	21Y56AS

Series 3 Pro

HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AA
HP Series 3 Pro 21.45 inch FHD Monitor - 322pv	9U5A2AS
HP Series 3 Pro 21.45 inch FHD Monitor - 322pe	AK2F1AS
HP Series 3 Pro 21.45 inch FHD Monitor - 322pe	AK2F1UT
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AF
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0AS
HP Series 3 Pro 21.5 inch FHD Monitor - 322pf	9U5B0UT
HP Series 3 Pro 21.5 inch FHD Monitor - 322ph	B0BN7AF
HP Series 3 Pro 21.5 inch FHD Monitor - 322ph	B0BN7AS
HP Series 3 Pro 21.5 inch FHD Monitor - 322ph	B0BN7UT
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AF
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5AS
HP Series 3 Pro 23.8 inch FHD Monitor - 324pf	9U5J5UT

HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AA
HP Series 3 Pro 23.8 inch FHD Monitor - 324pv	9U5C1AS
HP Series 3 Pro 23.8 inch FHD Monitor - 324pe	B1GM5AA
HP Series 3 Pro 23.8 inch FHD Monitor - 324pe	B1GM5AF
HP Series 3 Pro 23.8 inch FHD Monitor - 324pe	B1GM5AS
HP Series 3 Pro 23.8 inch FHD Monitor - 324ph	B0BU9AF
HP Series 3 Pro 23.8 inch FHD Monitor - 324ph	B0BU9AS
HP Series 3 Pro 23.8 inch FHD Monitor - 324ph	B0BU9UT
HP Series 3 Pro 27 inch FHD Monitor - 327pe	B1GM6AA
HP Series 3 Pro 27 inch FHD Monitor - 327pe	B1GM6AF
HP Series 3 Pro 27 inch FHD Monitor - 327pe	B1GM6AS
HP Series 3 Pro 27 inch FHD Monitor - 327pf	B0CG3AF
HP Series 3 Pro 27 inch FHD Monitor - 327pf	B0CG3AS
HP Series 3 Pro 27 inch FHD Monitor - 327pf	B0CG3UT
HP Series 3 Pro 27 inch FHD Monitor - 327ph	B0CG8AF
HP Series 3 Pro 27 inch FHD Monitor - 327ph	B0CG8AS
HP Series 3 Pro 27 inch FHD Monitor - 327ph	B0CG8UT

Series 7 Pro

HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530A5
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530AA
HP Series 7 Pro 23.8 inch FHD Monitor - 724pf	8X530E9
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534A5
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534AA
HP Series 7 Pro 24 inch WUXGA Monitor - 724pn	8X534E9
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7A5
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7AA
HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu	8Y2F7E9
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135A5
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135AA
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135E9
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2A5
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AA
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2E9
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8A5
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8E9

HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8UT
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6A5
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6E9
HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu	8J9E6UT
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9A5
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9E9
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157A5
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157E9
HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157UT
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167A5
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167AA
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167E9
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm	8Y2R2A5
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm	8Y2R2AA
HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm	8Y2R2E9

Z Displays

HP Z24m G3 QHD Conferencing Display	4Q8N9AT	obsolete
HP Z24q G3 QHD Display	4Q8N4E9	obsolete

OMEN by HP Monitors

OMEN 27 inch QHD 165Hz Gaming Monitor - OMEN 27qz	AK2B3AA
OMEN 27 inch QHD 165Hz Gaming Monitor - OMEN 27qz	AK2B3E9

HP Home Monitors

OMEN by HP Displays

OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32	9R181AA
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Audio

★ : Recommended

Wired Headset

Poly Blackwire 3220 Stereo USB-C Headset +USB-C/A Adapter	8X228AA ★
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA ★
Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA ★
Poly Blackwire 3210 Monaural USB-C Headset +USB-C/A Adapter	8X214AA
Poly Blackwire 3220 USB-C Headset USB-C/A Adapter	B7SL7AA
Poly Blackwire 3310 Monaural USB-C Headset +USB-C/A Adapter	8X215AA
Poly Blackwire 3325 Stereo Microsoft Teams Certified USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X222AA
Poly Blackwire 3325 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X221AA
Poly Blackwire 5220 Headset +3.5mm Plug USB-C/A Adapter	B7SL8AA
Poly EncorePro 545 USB-A Convertible Headset	783R4AA

Wireless Headset

Poly Savi 8210 Office DECT 1880-1900 MHz Single Ear Headset	8D3K5AA
Poly Savi 8210 UC DECT 1880-1900 MHz USB-A Headset	8D3E9AA
Poly Savi 8210 UC Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset	8D3F1AA
Poly Savi 8210-M Office DECT 1880-1900 MHz Single Ear Headset	8D3J8AA
Poly Savi 8220 Office Stereo DECT 1880-1900 MHz Headset	8D3J2AA
Poly Savi 8220 UC DECT 1880-1900 MHz USB-A Headset	8D3F2AA
Poly Savi 8220 UC Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset	8D3F5AA
Poly Savi 8220-M Office Stereo DECT 1880-1900 MHz Headset	8D3H8AA
Poly Savi 8240 Office DECT 1880-1900 MHz USB-A Headset	8D3H4AA
Poly Savi 8240-M Office Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset	8D3G6AA
Poly Savi 8245 Office DECT 1880-1900 MHz USB-A Headset	8D3H1AA
Poly Savi 8245-M Office Microsoft Teams Certified DECT 1880-1900 MHz USB-A Headset	8D3H7AA
Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA

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