HP E24d G4 FHD USB-C Docking Monitor (6PA50A4)

Overview

Create the perfect productivity hub

Inspire joy on your desk with the clean connectivity of the HP E24d G4 FHD USB-C Docking Monitor. Add your everyday accessories at the display, then add your PC with just one USB-C®[1] cable. Empower IT to remotely manage HP devices from anywhere on the network through RJ-45.[2,3]

Drive your workspace from USB-C™[1]

Connect, charge, and power your PC up to 100W through one USB-C™ cable[1], then embrace the easy connectivity of additional ports like USB and RJ-45.[3] Expand to dual displays by daisy-chaining through DisplayPort™.[4]

Simplify everyday tasks

Instantly turn on your display and laptop, even when the lid is closed, with a single button on the display. Login with your face and Windows Hello[3,5] on the webcam with IR, or use it to videoconference.[3]

Manage deployments over a network

Help IT secure and remotely manage[2,3] your deployed commercial HP PCs and the display with advanced network manageability features that include PXE Boot, LAN/WLAN switching, and WoL and MAC Address Pass-Through in all power states.

Features

Ports for everything

Flexibly connect to your devices through DisplayPort™, HDMI, and 4 USB ports. Use upstream USB-C™ port for data, video, and up to 100W power delivery to your PC and downstream USB-C™ for data and power delivery up to 15W to your phone.[1]

Take your PC off the desk

Clear your clutter by mounting your HP EliteDesk Mini Desktop PC directly behind the display and powering it through USB-C™. Or, lift the whole solution and mount it on a wall or arm.[1,6,7,8]

Find your comfort zone

Work comfortably with adjustable tilt, height, and swivel settings. Use pivot rotation to conveniently customize portrait or landscape views on multiple displays.[4]

Adjust your view

Keep your eyes comfortable through the workday with HP Eye Ease, our first built-in, always-on blue light filter that presents your vivid content with zero impact on your color accuracy, no OSD required.[9]

Complete the picture

Customize a total solution with options like the HP S101 Speaker Bar8, which attaches easily to the lower bezel to add stereo audio at the display.[8]

Divide and conquer

Manage your display and make it work for you. HP Display Assistant allows you to quickly resize screen partitions so you can work in separate regions of the screen and helps deter theft by dimming a display that's disconnected without approval.

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[1] Video over USB-C™ requires a PC with USB-C™ DisplayPort™ Alt mode or Thunderbolt™. Thunderbolt™-enabled notebooks will function at USB-C™ speeds. Power delivery over upstream USB-C™ up to 100 Watts. Power delivery over downstream USB-C™ up to 15 Watts. Refer to Power Output in product QuickSpecs for exact specifications, PC must be compatible with the display's power output.

[2] For video over USB-C™ functionality, host PC must support the DisplayPort™ Alt mode protocol through its USB-C™ port. Thunderbolt™-enabled notebooks will function at USB-C™ speeds. Charging and port replication is supported on notebooks that have implemented USB-C™ industry specifications. Power button to turn on or wake the system, Wake-on LAN from warm and cold dock, Wake-on LAN from S4/S5, and MAC Address Pass-Through in S0, S3, S4, S5 warm and cold dock features only function on HP or HP-supported notebooks. HP does not provide Ethernet and audio drivers on Mac PCs.

[3] Internet access required and sold separately.

[4] Additional display sold separately. Daisy chain requires USB-C™ or DisplayPort™ connection to host and DisplayPort™ out to next monitor.

[5] Requires Windows 10 on connected PC.

[6] HP EliteDesk Mini Desktop PC sold separately. Requires HP B300 PC Mounting Bracket for Monitors, sold separately.

[7] Mounting hardware sold separately.

[8] Sold separately.

[9] Product Reference 6PA50AA - HP E24d G4 FHD Advanced Docking Monitor is built-in software low blue light, only 6PA50A4 - HP E24d G4 FHD USB-C Docking Monitor is built-in HP Eye Ease.

Specifications

Display size (diagonal)	23.8"
Panel technology	IPS
Display size (diagonal)	60.45 cm (23.8")
Aspect ratio	16:9[1]
Native resolution	FHD (1920 x 1080)
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 800; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 800 x 600
Pixel pitch	0.274 mm
Brightness	250 nits
Contrast ratio	1000:1[1]
Response time (typical)	5 ms gray to gray[1]
Minimum dimensions (W x D x H)	53.94 x 4.85 x 32.33 cm (Without stand.)
Minimum dimensions (W x D x H)	21.24 x 1.91 x 12.73 in (Without stand.)
Dimensions With Stand (W x D x H)	53.94 x 20.68 x 48.64 cm
Weight	6.86 Kg (With stand.)
Weight	15.13 lb (With stand.)
Display features	Advanced haze; Language selection; On-screen controls; Pivot rotation; Plug and Play; IR sensor; Low blue light mode; Single Power ON; Network Manageability; Anti-glare; IR webcam; Height adjustable
Display Input Type	1 DisplayPort™ 1.2 in (with HDCP support); 1 HDMI 1.4 (with HDCP support); 1 USB Type-C™ (DisplayPort™ 1.4, power delivery up to 100 W)
Onscreen controls	Brightness; Color control; Image control; Information; Input source; Management; Menu; Power
Display scan frequency (horizontal)	30-80 KHz
Display scan frequency (vertical)	50-60 Hz
Ports	1 RJ-45; 1 DisplayPort™ 1.2-out; 1 USB Type-C™ (downstream); 4 USB 3.1 (downstream, fast charging 7.5 W)
Camera	Yes, 1080p
Power	100 - 240 VAC 50/60 Hz
Power consumption	175 W (maximum), 70 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35℃
Operating humidity range	20 to 80% non-condensing

Sustainable impact specifications	Arsenic-free display glass; Low halogen; Mercury-free display backlights
Certifications and compliances	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; E-standby; FCC; ISO 9241-307; KC; KCC; NOM; PSB; TUV/GS; TUV-S; VCCI; Vietnam MEPS; WEEE; ISC; Low blue light; California Energy Commission (CEC)
Physical security	Security lock-ready[3]
UPC number	(A2K) 195697978821; (A2N) 195697978838; (AB0) 195697978845; (AB1) 195697978852; (AB2) 195697978869; (AB4) 195697978876; (ABA) 195697978883; (ABB) 195697978890; (ABG) 195697978906; (ABJ) 4573595618128; (ABT) 195697978913; (ABU) 195697978920; (ABV) 195697978937; (ABY) 195697978944; (ACJ) 195697978951; (ACQ) 195697978968; (AKL) 195697978975; (AR6) 195697978982; (UUF) 195697978999; (UUZ) 195697979002
What's in the box	Monitor; DisplayPort™ 1.2 cable; HDMI cable; Documentation; USB Type-C™ cable; QSP; AC power cord[4]

Additional specifications

Audio port	1 Headphone Out Combo Jack
Backlight type	Edge-lit
Bezel	3-sided micro-edge
Card reader	No
Color gamut	72% NTSC
Curvature	Flat
Datasheet photo 1	Publication photos/SandDollar_1.jpg
Datasheet photo 3	Publication photos/SandDollar_3.jpg
Datasheet photo 4	Publication photos/SandDollar_4.jpg
Datasheet photo 5	Publication photos/SandDollar_5.jpg
Detachable stand	Yes
Display area (imperial)	20.74 x 11.66 in
Display area (metric)	52.7 × 29.64 cm
Display contrast ratio (dynamic)	5000000:1
DisplayPort™	1 DisplayPort™ 1.2
DisplayPort™ Out	1 DisplayPort™ 1.2-out
Ethernet	1 RJ-45 (10/100/1000 Mbps)
Flicker-free	Yes
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Hardness	3H
Height adjustment range	150 mm
Horizontal viewing angle	178° horizontal
Integrated privacy filter	No
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)[5]
Microphone	Yes
Non-Operating Humidity Range	5 to 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	64.6 x 26.9 x 43.8 cm
Package dimensions (W x D x H)	25.43 x 10.59 x 17.24 in
Package weight	24.3 lb
Package weight	11 kg
Panel bit depth	8 bit

Pixels per inch (ppi)	92 ppi
Power supply type	Internal
Product dimensions with stand (W x D x H)	21.24 x 8.14 x 19.15 in
Resolution (maximum)	FHD (1920 x 1080 @ 60 Hz)
Screen treatment	Anti-glare
Speaker type	No
Tilt	-5 to +20°
Touch-enabled	Not touch-enabled
UNSPSC code	43211902
USB Type-A	4 SuperSpeed USB Type-A 5Gbps signaling rate
USB Type-C® video input	1 SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery up to 100W, Alt Mode DisplayPort™ 1.4)
VESA mounting	100 mm x 100 mm
Vertical viewing angle	178°
pivot	±90
swivel	±30°

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.

[3] Lock is sold separately.

[4] Included cables may vary by country.

[5] Product Reference 6PA50AA - HP E24d G4 FHD Advanced Docking Monitor is built-in software low blue light, only 6PA50A4 - HP E24d G4 FHD USB-C Docking Monitor is built-in HP Eye Ease.

Accessories for PC

Stands/Mounting Brackets

★ : Recommended

Mounting Brackets

HP B300 PC Mounting Bracket	2DW53AA

Port Replicators/Dongles/Docking

Cables/Cable Adapters/Dongles

HP DisplayPort Cable Kit	VN567AA
HP USB-C to USB-C 100W cable (Z Display dock/charge)	5AR72AA

Audio Devices

PC Speakers

HP S101 Speaker Bar	5UU40AA

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