Datasheet

HP Series 5 Pro 27 inch FHD USB-C Docking Monitor 527fd G2

Thoughtfully designed to connect your devices through the monitor

Plug into more possibilities with the HP Series 5 Pro 27" FHD USB-C Docking Monitor - 527fd G2. Its sleek, modern design gives you crisp, stunning visuals and enhanced 100W power delivery with a single cable connection that seamlessly connects to PCs and peripherals at home or in the office.

*Product image may differ from actual product

Single-cable simplicity for productivity and vibrant visuals.

Sit, connect, and get right to work with your docking monitor built for seamless productivity. Connect any device[1] with a single USB-C® cable for strong 100W power delivery. See your work elevated in smooth, crisp detail with 120 Hz refresh rate[2] and vibrant, consistent colors with 100% sRGB[1] and HP Progressive White Balance.[3]

Sleek design. Seamless dual monitor setups

Transform your space into a seamless workplace. The 3-sided borderless with micro-edge bezel design lets you see more than ever. Daisy-chain[4] another HP Series 5 Pro monitor[5] for a perfect dual display setup with next-level productivity.

Take control of your comfort

Stay comfortable with 4-way adjustability optimized by the step-by-step Ergonomic Setup Guide[6] in HP Display Center.[7] Designed to ease eye strain, this monitor meets the TÜV Rheinland Eye Comfort 3.0 4-star[8] criteria and HP Eye Ease that reduces blue light without impacting color.

Sustainability in action

Help protect our shared future

This energy-efficient monitor is thoughtfully designed with at least 90% recycled plastic content in the monitor's enclosure, 20% recycled glass in the monitor panel, and 100% recycled aluminum in the stand[9] and is mindfully shipped in 100% certified or recycled sources for paper based packaging.[10]

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Featuring

FHD Resolution
Focus on the finer details and enjoy sharp visuals and crystal clear images with the 1920 x 1080 FHD resolution on this 27" diagonal monitor.[2]

IPS Technology
No matter where you are or sit, IPS technology ensures image accuracy and consistency across wide 178-degrees horizontal and vertical viewing angles.[2]

120 Hz Refresh Rate
Experience smooth scrolling, life-like video and clear detail with a 120 Hz refresh rate that provides fluid movement from frame to frame.[2]

More Contrast
See the nuanced differences of color, shadow, and highlights thanks to the enhanced 1500:1 contrast ratio.[2]

High Brightness
350 nits of brightness lets you see clearly. Enhance your visual performance for work or simply enjoying entertainment.[2]

100% sRGB Color Gamut
Enjoy highly accurate colors on screen with 100% sRGB. This HP monitor provides ideal color reproduction with minimal effort.[2]

Progressive White Balance
Work better with content that looks the same on both screens. Progressive White Balance is an HP technology that provides consistent white-point matching from screen-to-screen.

USB-C® Connectivity
Keep your set up simple and seamless with a display that has everything built in. Connect a keyboard and mouse to the ports on the back of this monitor and only one USB-C® cable to your notebook for data, video, and up to 100W of charging.

Daisy-Chain a Second HP Series 5 Pro Monitor
Display even more with DisplayPort™ by daisy- chaining a second HP Series 5 Pro monitor for the perfect dual-display setup.

Save some space with down-facing ports
Packed with ports including full-function USB-C®, HDMI 2.0, DisplayPort™ 1.4, USB-C® downstream, RJ-45, plus 3 USB-A 3.2 ports.

Sleek Design, Clean Space
See and do more on your screen with a 3-sided borderless with micro-edge bezel design that maximizes your viewing area for a sleek design and virtually seamless dual-monitor setups.

Endless Adjustability
With 4-way adjustability you can customize pivot, tilt, height adjust, and swivel settings to fit you, your desk, and your needs.

Always-on, True Color, Low-Blue Light
Help protect your eyes with a monitor that meets the TÜV Rheinland Eye Comfort 3.0 4-star criteria and HP Eye Ease that reduces blue light without impacting color.

Ergonomic Setup Guide
With world-class ergonomic practices at your fingertips, you have the knowledge to fine-tune your display's 4-way adjustability to achieve optimal comfort, all day, thanks to the step-by-step Ergonomic Setup Guide in HP Display Center.

HP Display Center
Customize your monitor with the intuitive HP Display Center that lets you tailor your settings, partition screens, and more—all through the host PC. Plus, learn how to find your perfect posture with help from the included HP Ergonomic Setup Guide.

Remote Management Reimagined
HP Client Management Script Library (CMSL) makes remote manageability easy to use. This powerful solution works seamlessly with Intune/SCCM to manage your display fleet using PowerShell.

Single Power On
Instantly turn on your display and PC, even when the lid is closed, by pressing the power button on the bottom of the display.

Increased Energy Efficiency
HP is committed to helping protect our shared future by minimizing the energy our monitors consume to help reduce energy demand. This monitor is held to the highest energy saving standard with an ENERGY STAR® rating and EPEAT® Gold Registration.

Dependable internet connectivity
This monitor connects directly to Ethernet via an RJ-45 port for a 1Gb internet connection and remote IT manageability.

Works on Mac® or PC
Verified with devices running across OS, this monitor works with Mac® or PC devices.

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Specifications

Display specifications

Display size	27"[1]
Viewable diagonal size	27" (68.58 cm)
Aspect ratio	16:9[1]
Curvature	Flat
Native resolution	FHD (1920 x 1080)[1,2]
Resolution (maximum)	FHD (1920 x 1080 @ 120 Hz)[1]
Resolutions supported	640 x 480 @ 60 Hz; 640 x 480 @ 75 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 800 x 600 @ 75 Hz; 1024 x 768 @ 60 Hz; 1024 x 768 @ 75 Hz; 1280 x 720 @ 60 Hz; 1280 x 800 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1280 x 1024 @ 75 Hz; 1440 x 900 @ 60 Hz; 1600 x 900 @ 60 Hz; 1680 x 1050 @ 60 Hz; 1920 x 1080 @ 60 Hz; 1920 x 1080 @ 75 Hz; 1920 x 1080 @ 100 Hz; 1920 x 1080 @ 120 Hz
Panel type	IPS; LED[1]
Bezel	3-sided borderless with micro-edge bezel
Panel active area	23.54 x 13.24 in
Panel bit depth	8 bit (6 bit + FRC)
Display colors	Up to 16.7 million colors supported[1]
Display color gamut	100% sRGB[1,3]
Refresh rate (maximum)	120 Hz[1]
Display scan frequency	50-120 Hz (Vertical)[1]; 30-150 kHz (Horizontal)[1]
Response time	5ms GtG (with overdrive)[1]
Brightness	350 nits[1]
Contrast ratio	1500:1 (Static)[1] 10,000,000:1 (Dynamic)[1]
Pixel pitch	0.3114 x 0.3114 mm[1]
Pixels per inch (ppi)	82 ppi
Viewing angle	178° (Vertical) 178° (Horizontal)
Backlight type	Edge-lit
Backlight lamp life	30,000 hours
Display User Control Options	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Management software	HP Display Center; HP Client Management Script Library
Remote manageability	Through HP Client Management Script Library; In-Band MAC Address Pass Through (MAPT); Out-of-Band MAC Address Pass Through (MAPT); In-Band Wake on LAN (WoL); Out-of-Band Wake on LAN (WoL); PXE Boot
User updateable firmware	Yes
Low blue light modes	HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)[1]
Flicker-free	Yes (TÜV certified)
Screen treatment	Anti-glare
Hardness	3H[1]
Haze	25%
VESA mount	100 x 100 mm
Adjustability	Height adjustment range: 150 mm Tilt: -5 to +20° Swivel: ±45° Pivot: ±90°
Camera	No integrated camera
Languages	11 (English, Spanish, German, French, Italian, Dutch-Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese and Russian)
Special features	Ergonomic OOBE setup coaching; Progressive white balance; Disconnected Firmware updates[1]
Productivity	Daisy chain; Single Power ON

Connectivity and communications

Port and connectors	1 HDMI 2.0 1 DisplayPort™ 1.4 1 DisplayPort™ 1.4-out 1 USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery) 1 USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4) 3 USB Type-A 5Gbps signaling rate (1 charging) 1 RJ-45 (10/100/1000 Mbps)
HDCP	Yes, DisplayPort™, HDMI and USB Type-C®
Power supply	100 - 240 VAC 50/60 Hz (Internal)
Power consumption	200 W (maximum); 24 W (typical)[8]

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Specifications

Appearance

Product color	Black
Stand color	Black; Silver
Detachable stand	Yes
Physical security	Standard lock slot[5]
Base area footprint	10.08 x 8.15 in
Dimensions without Stand (W x D x H)	24.08 x 2.95 x 14 in (without stand)
Dimensions with stand (W x D x H)	24.08 x 8.75 x 21.39 in
Weight	16.8 lb (with stand); 12.46 lb (without stand)
Packaged Dimensions (W x D x H)	27.32 x 6.06 x 17.56 in
Packaged weight	23.33 lb

Certification and compliance

Energy efficiency class	C
On mode power demand in Standard Dynamic Range (SDR)	14 W[9]
Standby mode power demand	0.5 W[9]
Energy efficiency	ENERGY STAR® certified
TCO certified	TCO Certified, generation 10; TCO Certified, Edge[17]
EPEAT registered	EPEAT Gold with Climate+[16]
Ecolabels	CECP; SEPA; Taiwan Green Mark; Japan PC Green Label; CEL Grade 2; Ukraine EE; Belarus EE; Korea MEPS; California CEC
Sustainable impact specifications	At least 90% post-consumer recycled plastic in the monitor's enclosure; Contains ocean-bound plastic; At least 20% recycled metal including 90% recycled aluminum in the stand; Contains 20% recycled glass in the monitor panel; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% from certified or recycled sources and recyclable; Molded paper pulp cushion and folded corrugated cushion inside box are made of 100% recycled or certified sources[12,13,14,15]
Certifications	BIS; BSMI; CB; CCC; CE; CECP; cTUVus; EAC; FCC; ISO 9241-307; KC; KCC; NOM; PSB; RCM; SEPA; TUV-S; VCCI; WEEE; ISC; ICE; UAE; TUV-GS; ErP LOT5; Ukraine certificates; TÜV Flicker free certified; NRCS; Ukraine EE; TÜV Low Blue Light Hardware Solution certified; KMEPS; Australian-New Zealand DoC; EMF; Japan PSE
Microsoft WHQL certification	Windows 11; Windows 10[10]
Environmental	Operating temperature range: 41 to 95°F Non-operating temperature range -40 to 149°F Operating humidity: 20 to 80% RH (non-condensing) Non-operating humidity: 5 - 95% Operating altitude: Up to 16,400 ft Non-operating altitude: Up to 40,000 ft

Additional information

Manufacturer Warranty	HP three-year limited warranty [11]
Zero bright dot warranty	Yes
What's in the box	Monitor; Warranty card; Quick Setup Poster; AC power cable (1.83 m); 1 USB Type-C® to Type-C® cable (PVC free) (1.8 m)[4]
Country of origin	Made in China/Thailand

Logistic information

Pallet Dimensions (L x W x H)	Slip sheet: 47.24 x 39.84 x 88.78 in (20 ft, 40 ft, 40 HQ)
Pallet weight	Slip sheet: 1182.91 lb (20 ft, 40 ft, 40 HQ)
Pallet (layers)	Slip Sheet: 5 layers (20 ft, 40 ft, 40 ft HQ); Pallet: 4 layers (20 ft, 40 ft), 5 layers (40 ft HQ)
Products per layer	10
Products per pallet	Slip Sheet: 50 sets (20 ft, 40 ft, 40 ft HQ); Pallet: 40 sets (20 ft, 40 ft), 50 sets (40 ft HQ)

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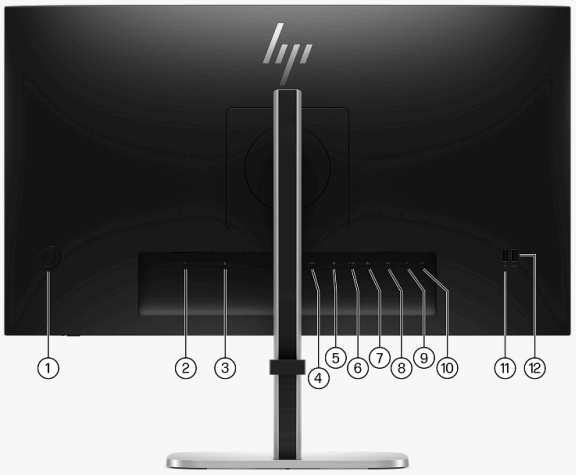
Product walkaround

1. Power button
2. Power LED



1. Joypad OSD button
2. Power connector
3. Security cable slot
4. HDMI 2.0 port
5. DisplayPort™ 1.4 in
6. USB Type-C® 5Gbps signaling rate (Up to 100W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
7. DisplayPort™ 1.4 out
8. RJ-45 (10/100/1000 Mbps)
9. USB Type-A 5Gbps signaling rate
10. USB Type-C 5Gbps signaling rate (Up to 15W USB Power Delivery)
11. USB Type-A 5Gbps signaling rate
12. USB Type-A 5Gbps signaling rate (charging)

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Accessories and services (not included)

HP Business PC Security Lock v3 Kit		Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the affordable HP Business PC Security Lock v3 Kit. **Product number: 3XJ17AA**
HP S101 Speaker Bar		Add rich stereo audio to select E-Series monitors, Series 5 Pro monitors and P-Series monitors[1] and keep a clean, clutter-free desk with the HP S101 Speaker Bar, which fits neatly underneath the display head and connects through USB. **Product number: 5UU40AA** [1] Compatible with select E-Series, P-Series, and Series 5 Pro monitors monitors. Please check detailed compatibility on accessory datasheet. [2] HP includes a one-year limited warranty with online support available 24x7. Consult the HP Customer Support Center for details, or go to www.hp.com/go/orderdocuments. Internet access required and not included.
HP Quick Release Monitor Single Arm		Enjoy more comfort and space with the HP Quick Release Monitor Arm. Easily mount and quickly release select E-Series G5[1], Series 5 Pro[2], and Series 7 Pro[3] monitors to maximize workday comfort and desk space. **Product number: 762U0AA** [1] Compatible with select HP P Series, Series 3 Pro, E Series, Series 5 Pro, and Series 7 Pro monitors. Please check detailed compatibility on accessory datasheet. [2] Requires monitor VESA adapter for selected models. Please contact your Sales agent or HP Service for further guidance.
HP B560 PC Mounting Bracket		Create a compact workspace with the HP B560 PC Mounting Bracket. Attach your HP Desktop Mini PC[1] behind select E-Series G5[2], Series 5 Pro[3], or Series 7 Pro[4] monitors for a fully adjustable, space-saving solution. **Product number: 763U8AA** [1] Compatible with Desktop Mini PCs and Workstations that have a 100 mm x 100 mm VESA mount. Use included spacer kit to allow compatibility with HP Thin Clients that have a 100 mm x 100 mm VESA mount. [2] Compatible with the following E-Series monitors: E22 G5, E24 G5, E24t G5, E24q G5, E27 G5, E27q G5, E24u G5, E27u G5, E27k G5, and E32k G5, E45c G5.
HP Desktop Mini v4+ VESA Sleeve		Wrap your HP Desktop Mini PC in the HP Desktop Mini v4+ VESA Sleeve to securely mount it—with or without an Expansion Module[1,2]—behind your display, position the solution on a wall, and lock it down with the integrated security bracket and optional HP Ultra-Slim Cable Lock. **Product number: 99T54AA** [1] Each sold separately. Expansion Modules are compatible with the HP Desktop Mini v4+ VESA Sleeve (99T54AA). The HP DM VESA Power Supply Holder Kit and HP DM VESA Quick Deploy Adhesive are only compatible with HP Desktop Mini v4+ VESA Sleeve (99T54AA). See product QuickSpecs for exact configurations. [2] Requires HP Quick Release Monitor Arm, or HP B600/B550/B560 PC mounting bracket for selected models. Please contact your Sales agent or HP Service for further guidance.

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Footnotes

Messaging Footnotes

[1] Works across any OS. Keeps the same power delivery when connecting multiple devices.
[2] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[3] The HP Progressive White Balance feature is designed to calibrate 100% full white on HP Series 5 Pro monitors. This adjustment is intended to align the white point more closely among various HP Series 5 Pro monitors. However, due to the nature of monitors, perceptible differences in the white color may still occur when the monitors are viewed from varying angles.
[4] 120 Hz refresh rate supported on host PCs with DisplayPort™ 1.2 or higher. Host PC may affect the refresh rate combinations of monitors 1 and 2. Refresh rates can be user enabled in PC settings.
[5] HP Series 5 Pro monitor or additional monitor sold separately.
[6] Ergonomic Setup Guide is available through HP Display Center. Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.
[7] Host PC requires Windows 10 or higher. HP Display Center is available for download on the Microsoft store for Windows or support.hp.com for Windows and MacOS.
[8] TÜV Rheinland® 4-star eye comfort certification.
[9] Recycled plastic content percentage is based on the definition set in the EPEAT standard. Recycled plastic is expressed as a percentage of the total weight plastic. Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams. Percentage of recycled glass in the monitor panel varies by product. Recycled glass is expressed as a percentage of the total weight of the glass.
[10] Fiber used in paper based packaging is sourced from certified or recycled sources per HP's Paper Sourcing Policy; certifications such as FSC® apply at the supplier level.

Technical Specifications Footnotes

[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[2] DisplayPort™ 1.2 or HMDI 1.4 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920 x 1080 @ 60 Hz with 8 bit color using one DisplayPort™, HDMI, or USB-C (DisplayPort™-Alt mode).
[3] Number of colors through A-FRC technology.
[4] Included cables may vary by country.
[5] Lock sold separately.
[6]Host PC requires Windows 10 or higher. HP Display Center is available for download on the Microsoft store for Windows or support.hp.com for Windows and MacOS.
[7] The Client Management Script Library must be downloaded to the connected PC to run CMSL commands. Some limitations may apply to legacy displays. Visit hp.com to download HP CMSL.
[8] Maximum brightness and contrast setting with maximum power loading on USB downstream ports (for power consumption maximum); Factory default brightness and contrast setting with 25% power loading on USB downstream ports (for power consumption typical).
[9] As defined in EU 2019/2021 and EU 2019/2013.
[10] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
[11] Please refer to the warranty card supplied with the product for details. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region.
[12] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT criteria.
[13] Ocean Bound plastic is based on the definition set by the UL2809 standard.
[14] Recycled metal is expressed as a percentage of the total weight metal as per defined in the EPEAT criteria.
[15] Packaging parts contain certified or recycled fibers and are typically recycled in your local paper/carton recycling bin, consult your local guidelines.
[16] EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Based on US registration according to EPEAT criteria and EPEAT Climate+. Status and tier level varies by country. Visit www.epeat.net for more information.
[17] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

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