Datasheet

HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk

The power to make it real

See ultimate potential before it's real with the ultra-powerful and stunningly precise, HP Series 7 Pro 31.5" 4K Thunderbolt 4 Monitor. Powered by the impressive capabilities of Thunderbolt™ 4, experience your creations in tangible, lifelike detail with IPS Black technology and 4K UHD resolution.[1]

*Product image may differ from actual product

Color that rivals reality

View every detail as if it's true-to-life with captivating color contrast on this precise 31.5" 4K monitor. Through the cutting-edge IPS Black panel, dive into deeper shadows and richer hues with twice the contrast of a traditional IPS panel. Combined with VESA DisplayHDR™ 400, wide 98% Display P3 color gamut, and superb color accuracy[1], what you see on screen rivals reality.

Unleash the power of Thunderbolt™ 4

Transform your desk into a productivity powerhouse with this Thunderbolt™ 4 monitor.[2] Through a single cable, drive 4K resolution at 60 Hz, daisy chaining support for a second 4K monitor, as well as high-speed data and internet[3]—all while charging your device at up to 100W—without slowing you down.

Seamless control

Designed with intelligent controls, this display gets you working quickly and multi-tasking efficiently. Instantly wake your display and PC with Single Power On[4]. And when you're multi-tasking between two devices, simply use the built-in KVM switch to control both with just a single keyboard and mouse.[5]

Sustainability in action

Our commitment to the planet

A better choice in an innovative solution, this HP Series 7 Pro Monitor is designed using 85% post-consumer recycled materials and 5% ocean-bound plastics[6] with 90% recycled aluminum in the stand. With 100% sustainably sourced packaging[7] and a TCO certified, EPEAT® Registered, and ENERGY STAR® Certified design[8], you can be confident knowing you have a monitor that does good things for the planet while doing amazing things for you.

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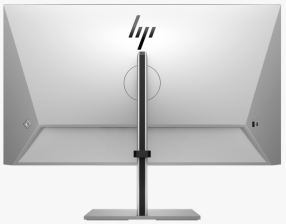
Featuring



IPS Black
Stunning colors from any angle thanks to the 2,000:1 contrast ratio and ultra-wide viewing angles.[1]

4K UHD Resolution
Get lost in the captivating definition and expanded view of 4K resolution.

31.5-inch Diagonal Screen
Dive in and accomplish more on a massive 31.5-inch diagonal screen framed by a 4-sided, virtually borderless bezel.

VESA DisplayHDR™ 400
Replicate reality on your screen and enjoy watching HDR media with enhanced contrast.

Wide Color Gamuts
100% sRGB for ideal color reproduction and 98% Display P3 for deeper, lifelike hues.[1]

Colors Calibrated to Perfection
Every HP Series 7 Pro Monitor undergoes strict factory color calibration to assure that over 400 colors achieve a Delta E of less than 2, making any color difference virtually indistinguishable to the human eye for superb color accuracy.

Thunderbolt™ 4 Technology
Multitask like a pro with a display that supports up to two 4K monitors through superfast Thunderbolt™ 4 technology and delivers 40Gbps data bandwidth for faster inputs. This display also delivers up to 100W of power directly to your laptop.[2]

Daisy Chain a Second 4K Monitor
Display even more with DisplayPort 1.4™ out by daisy chaining up to two 4K displays for the superb high-definition, multi-display setup.

More Ports. More Flexibility.
More ports means more capabilities. With Thunderbolt™ 4, USB-C® with data and 15W, HDMI 2.0, DisplayPort™ 1.4 In and Out, RJ-45, USB-B hub, and four USB-A 3.2 ports, you can connect multiple devices like a webcam and keyboard.[9]

Dependable Internet Connectivity
Feel confident in your connection with a monitor that connects directly to Ethernet via RJ-45 port for high-speed, 1 Gb internet connection and remote IT manageability.[3,10]

Single Power On
Instantly turn on your display and laptop, even when the lid is closed, by pressing the power button on the bottom of the display.[11]

KVM Switch
Boost your productivity by seamlessly multi-tasking between two different computers with just one keyboard and mouse thanks to this monitor's built-in KVM Switch.[5]

Picture By Picture
Running two computers and want to display both on one monitor at the same time? No problem. With Picture By Picture (PBP), it's easy.

Endless Adjustability
4-way adjustability for the perfect viewing angle.

Ergonomic Setup Guide
Achieve all-day comfort when you apply the best practices from the Ergonomic Setup Guide.[12]

Always-on, True Color, Low-Blue Light Filter
HP Eye Ease is an always-on, low-blue light filter that helps keep your eyes comfortable throughout the day by reducing blue light without impacting color accuracy or adding a yellow color shift.

Easily Personalize and Adjust Your Display
Customize your display with easy, intuitive HP Display Center software.[13]

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.[10]

3-year Limited Warranty
3-year limited warranty included.

HP Zero BrightDot Guarantee
Even if just a third of a pixel fails or is stuck in one position, HP will replace the entire display.[14]

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Specifications

Display specifications

Display size (diagonal, metric)
80 cm (31.5")
Viewable diagonal size
31.5" (80 cm)
Aspect ratio
16:9[1]
Curvature
Flat
Native resolution
4K UHD (3840 x 2160)[1,2]
Resolution (maximum)
4K UHD (3840 x 2160 @ 60 Hz)
Resolutions supported
640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 3840 x 2160
Panel type
IPS Black; LCD
Bezel
4-sided micro-edge
Panel active area
69.7 x 39.2 cm
Panel bit depth
10 bit (8 bit + FRC)[1]
Display colors
Up to 1.07 billion colors supported[3]
Display color gamut
100% sRGB; 98% DisplayP3
Calibrated color presets
sRGB
HDR Support
HDR 400
Refresh rate (maximum)
60 Hz
Display scan frequency
29-60 Hz (Vertical)[1] 30-135 kHz (Horizontal)[1]
Response time
5ms GtG (with overdrive)[1]
Brightness
400 nits[1]
Contrast ratio
2000:1 (Static)[1] 10000000:1 (Dynamic)[1]
Pixel pitch
0.18 x 0.18 mm
Pixels per inch (ppi)
140 ppi[1]
Viewing angle
178° (Vertical) 178° (Horizontal)
Backlight type
Edge-lit
Backlight lamp life
30,000 hours
Display features
Single Power ON; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease; IPS Black; HDR; KVM switch; Daisy chain; Picture-in-Picture; Picture-by-Picture
Display User Control Options
Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Management software
HP Display Center; HP Client Management Script Library[12,13]
Remote manageability
Out-of-Band MAC Address Pass Through (MAPT); Out-of-Band Wake on LAN (WoL); PXE Boot
Low blue light modes
Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Flicker-free
Yes
Screen treatment
Anti-glare
Hardness
3H[1]
Haze
25%
VESA mount
100 x 100 mm (bracket included)
Height adjustment range
150 mm
Tilt
-5 to +20°
Swivel
±45°
Pivot
±90°
Camera
No integrated camera

Connectivity and communications

Port and connectors
1 HDMI 2.0
1 DisplayPort™ 1.4
1 DisplayPort™ 1.4-out
1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (up to 100 W USB Power Delivery, DisplayPort™ 1.4)
4 SuperSpeed USB Type-A 5Gbps signaling rate
1 USB-B
1 RJ-45 (10/100/1000 Mbps)
HDCP
Yes, DisplayPort™, HDMI and Thunderbolt™
KVM keyboard port
Yes, OSD switch
Power supply
100 - 240 VAC 50/60 Hz
(Internal)
Power consumption
205 W (maximum), 48 W (typical), 0.5 W (standby)

Logistics and Physical

Product color
Black bezel; Silver rear cover
Stand color
Black; Silver
Detachable stand
Yes
Physical security
Security lock-ready[11]
Base area footprint
26 x 21.7 cm
Dimensions without Stand (W x D x H)
71.35 x 4.7 x 41.59 cm
Dimensions with stand (W x D x H)
71.35 x 21.7 x 60.49 cm
Weight
8.77 kg (with stand)
Packaged Dimensions (W x D x H)
81.6 x 18.5 x 50.4 cm
Packaged weight
13.7 kg
Pallet Dimensions (L x W x H)
44.88 x 32.68 x 84.96 in (20' ft/40' ft); 44.88 x 32.68 x 84.96 in (40' HQ)
1140 x 830 x 2158 mm (20' ft/40' ft); 1140 x 830 x 2158 mm (40' HQ)
Pallet weight
746.5 lb (20' ft/40' ft); 746.5 lb (40' HQ)
339.3 kg (20' ft/40' ft); 339.3 kg (40' HQ)
Products per layer
6

Certification and compliance

Energy efficiency
ENERGY STAR® certified
Ecolabels
TCO Certified; TCO Certified Edge; EPEAT® registered with Climate+[4]
Environmental specifications
Low halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic; Designed with recycled metals; 5% ocean-bound plastic[5,6,7,8,9]
Certifications
Australia MEPS; Bauart; CB; CE; CEL; China CCC; China CECP; C-Tick; cTUVus; CU; EAC; EUP Lot-5; EUP Lot-6; FCC; ISO 9241-307; KC (Korean) requirements; KCC (Korean) requirements; Korea MEPS (E-standby); NOM (Mexico); PSB for Singapore; RCM; SEPA eco label (China); S-Mark for Argentina; Taiwan BSMI; VCCI; Vietnam MEPS; EUP Lot-26; California Energy Commission (CEC); South Africa Energy; Mexico Energy; UAE; TUV-GS; NRCS of South Africa; Belarus Energy; India BIS; Cambodia ISC; NRCS; Ukraine EE; South Africa safety; Ukraine CoC; Ukraine DOC; Microsoft WHQL Certification (Windows 11)
Microsoft WHQL certification
Windows 11
Operating temperature range
41 to 95°F
Operating altitude
Up to 5,000 m Up to 16,400 ft
Non-operating altitude
Up to 12,192 m Up to 40,000 ft
Operating humidity range
20 to 80% RH (non-condensing)
Non-operating humidity range
5 - 95 %

Additional information

Manufacturer Warranty
HP three-year limited warranty
What's in the box
Monitor; Thunderbolt™ cable; DisplayPort™ cable; HDMI cable; Warranty card; USB Type-A to B cable; Quick Setup Poster; AC power cord; Color calibration report[10]
Country of origin
Made in China

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Accessories and services (not included)

HP B550 PC Mounting Bracket

Customize an altogether better solution with the HP PC B550 Mounting Bracket, which lets you attach your Z Mini Workstation directly behind select HP Z displays[1]/Series 7 Pro monitors[2].
Product number: 16U00AA
[1] Compatible with the following Z displays: Z24f G3, Z24n G3, Z24u G3, Z27q G3, Z27u G3, Z27k G3.
[2] Compatible with the following HP Series 7 Pro monitors: 724pu, 724pn, 724pf, 732pk.

HP Z G3 Conferencing Speaker Bar

What you say and hear is just as important as what you see on conference calls. If you are looking for clearer, richer sound along with style and flexibility, look no further than the Z G3 Conferencing Speaker Bar to improve your audio experience.
Product number: 32C42AA
[1] Includes 3.5mm audio jack.
[2] Also compatible with DreamColor-class displays.

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 Quick Release Bracket 2

Use the HP Quick Release Bracket 2 to attach your HP Desktop Mini to an HP display[1] and a variety of stands, arms or wall mounts.[2] The failsafe "Sure-Lock" mechanism snaps the PC securely in place, and can be further secured with a theft-deterrent security screw.
Product number: 6KD15AA

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] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
[2] For full Thunderbolt™ 4 functionality, host PC must support Thunderbolt™ 4.
[3] Display supports 1Gb ethernet speed. Host PC requires infrastructure to support 1 Gb ethernet speeds.
[4] Single Power On only compatible with HP PCs with Windows 10 or higher.
[5] For KVM compatibility, if connected PCs do not have USB-C® port, user will need a USB-C® to A cable. Sold separately.
[6] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard. Plastics consist of 90% Post-Consumer Recycled, with 85% post-consumer recycled plastics + 5% Ocean-Bound Plastics (PET).
[7] 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.
[8] Based on US EPEAT® registration according to IEEE 1680.1-2020 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[9] Comes with DisplayPort™ cable; HDMI cable; USB Type-A to B cable; and Thunderbolt™ 4 cable.
[10] HP CMSL is estimated to be available between November 2024 to April 2025. HP CMSL is only supported on 64-bit PowerShell 5.1 and higher. CMSL Support Windows 10 version 1809 and higher, and Windows 11. Some limitations may apply to legacy displays. Visit support.hp.com to download HP CMSL.
[11] Only compatible with HP PCs that have Windows 10 or higher.
[12] 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.
[13] Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.
[14] The HP Pixel Policy allows no bright sub-pixel defects for this display. For complete details, see http://support.hp.com/us-en/document/c00288895

Technical Specifications Footnotes

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.
[2] DisplayPort™ 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 3840 x 2160 at 60 Hz with 10-bit color using one DisplayPort™, HDMI, or USB-C® (DisplayPort™ alt mode).
[3] Number of colors through A-FRC technology.
[4] EPEAT® registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status by country. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[5] External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
[6] ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[7] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[8] All plastic parts contain ocean-bound plastic. Percentage of ocean-bound plastic contained in each component varies by product.
[9] Percent of recycled metal varies by product.
[10] Included cables may vary by country.
[11] Lock sold separately.
[12] Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.
[13] HP CMSL is estimated to be available between November 2024 to April 2025. HP CMSL is only supported on 64-bit PowerShell 5.1 and higher. CMSL Support Windows 10 version 1809 and higher, and Windows 11. Some limitations may apply to legacy displays. Visit support.hp.com to download HP CMSL.

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