ProductSheet

HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu (8J9E6UT)

Power to see ideas realized

See your bright ideas become brilliant. The HP 27” QHD Thunderbolt 4 Monitor pairs striking colors with seamless connectivity to help reimagine your creative process. Keep your vision in focus with crisp front-of-screen visuals and powerful multitasking capabilities.



Your vision, exactly as you dream it
The clearer you see, the better you create. Trust what you see right out of the box with factory-calibrated color accuracy on a DreamColor-class display.[1] Jump into a wide array of vivid, lifelike hues and rich contrast thanks to IPS Black, HDR 400, 98% Display P3, and more.[2]

Productivity at its most beautiful
Get the power to take on any task, unhindered. This superfast Thunderbolt™ 4 display delivers high-resolution video, high-speed data, and up to 100W charging.[3] Ditch the extra cables, and enjoy the freedom and performance of this single-cable solution.

Made to fit you perfectly
For all-day comfort, settle into your workflow by finding your screen’s perfect position with four-way adjustability and Ergonomic Setup Guide.[4] Help your eyes stay fresh, day or night, with the ambient light sensor that automatically adjusts the monitor’s brightness.

Featuring

QHD Resolution
Dive into the captivating definition and sharp details of 3.7 million pixels. 2560 x 1440 Quad HD resolution transforms all your content for a stunning viewing experience on this 27" monitor.

IPS Black Technology
View brilliant visuals from any angle with deeper colors, darker shadows, and brighter highlights with IPS Black. Enjoy a stunning 2,000:1 contrast ratio—twice that of a traditional IPS—and ultra-wide viewing angles. [2]

Superb Color Accuracy
For color-critical projects, trust this Pantone-validated™ display with superb color accuracy, achieved by strict factory color calibration that ensures over 300 colors achieve a Delta E < 2, making any color difference virtually indistinguishable.

HDR and Wide Color Gamut
Replicate reality on your screen with 98% Display P3, 100% sRGB and VESA DisplayHDR™ 400 for a wide range of vibrant colors and deeper hues that represent colors as they are in the real world. [2]

AMD FreeSync™ Premium & High Refresh Rate
Enjoy buttery-smooth scrolling and ultra-fluid, tear-free entertainment at peak performance with AMD FreeSync™ Premium* and a 120Hz refresh rate to keep you productive and engaged for work or play. [2,7]

Specifications

Display size (diagonal)	27"
Panel technology	IPS Black
Display size (diagonal)	68.6 cm (27")
Aspect ratio	16:9[1]
Native resolution	QHD (2560 x 1440)[1,2]
Resolutions supported	640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 1024; 1440 x 900; 1600 x 900; 1600 x 1200; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440
Pixel pitch	0.23 x 0.23 mm[1]
Brightness	400 nits[1]
Contrast ratio	2000:1[1]
Response time (typical)	5ms GtG (with overdrive)[1]
Minimum dimensions (W x D x H)	61.34 x 7.45 x 35.4 cm *(without stand)*
Minimum dimensions (W x D x H)	24.15 x 2.93 x 13.94 in *(without stand)*
Dimensions With Stand (W x D x H)	61.34 x 22.52 x 54.05 cm
Weight	7 kg *(with stand)*
Weight	15.43 lb *(with stand)*
Display features	Single Power ON; AMD FreeSync™ Premium; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease; IPS Black; Ambient light sensor; KVM switch; Daisy chain; Picture-in-Picture; Picture-by-Picture; Pantone validated; Factory color calibration; HP User Color recalibration
Onscreen controls	Color; Image; Input; Power; Menu; Management; Information; Exit; Split screen
Display colors	Up to 1.07 billion colors supported[1,3]
Display scan frequency (horizontal)	30-190 kHz[1]
Display scan frequency (vertical)	48-120 Hz[1]
Camera	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Power consumption	210 W (maximum), 41 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH (non-condensing)
Sustainable impact specifications	Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 90% post-consumer recycled plastic; Made with 15% recycled steel; 90% recycled aluminum
Certifications and compliances	BIS; BSMI; CB; CCC; CE; CECP; CEL; EAC; FCC; ISO 9241-307; KC; KCC; NOM; PSB; RCM; SEPA; TUV-S; UL/CSA; VCCI; WEEE; ISC; Low blue light; ICE; UAE; GS; Ukraine EE; Belarus EE; Korea MEPS; CEL Grade 2
Physical security	Security lock-ready[5]
Management Software	HP Display Center; HP Display Manager
UPC number	(A2K) 198415142894; (A2N) 198415142900; (AB0) 198415142917; (AB1) 198415142924; (AB2) 198415142931; (AB4) 198415142948; (ABA) 198415142955; (ABB) 198415142962; (ABG) 198415142979; (ABJ) 4582712471935; (ABT) 198415142986; (ABU) 198415142993; (ABV) 198415143013; (ABY) 198415143020; (ACJ) 198415143037; (ACQ) 198415143044; (AH3) 198415143051; (AKL) 198415143068; (AR6) 198415143075; (UUF) 198415143082; (UUZ) 198415143099
Manufacturer Warranty	HP three-year limited warranty
What's in the box	Monitor; Thunderbolt™ cable; DisplayPort™ cable; HDMI cable; Warranty card; Quick Setup Poster; 1 USB Type-C® to Type-A cable; AC power cord; Color calibration report; VESA mount adapter[4]

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] A DreamColor-class display is defined by 1) Factory calibrated color accuracy with Delta E < 2 for each measured color, 2) 10-bit color (either True 10-bit or 8bit +FRC) , and 3) a color gamut of 98% Display P3 or greater.

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

[3] For full Thunderbolt™ 4 functionality, host PC must support Thunderbolt™ 4.

[4] 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] Requires host PC with AMD Radeon graphics and FreeSync Premium support. See www.amd.com/freesync for complete details.

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 2560 × 1440 at 120 Hz with 10-bit color using one DisplayPort™, HDMI, or USB-C (DisplayPort™ alt mode), Thunderbolt. The video card of the connected PC must be capable of supporting 2560 x 1440 at 60 Hz and include 1 HDMI or 1 DisplayPort™ outputs to drive the monitor at the Preferred Mode.

[3] Number of colors through A-FRC technology.

[4] Included cables may vary by country.

[5] Lock sold separately.

© Copyright 2023 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. Thunderbolt™ and the Thunderbolt logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. PANTONE® is a trademark or registered trademark of Pantone LLC in the United States and/or other countries. AMD, Radeon, and FreeSync are trademarks of Advanced Micro Devices, Inc. ENERGY STAR® is a registered mark owned by the U.S. government. EPEAT® is a registered trademark of Green Electronics Council.