Technical Specifications

HP E27k G5 4K USB-C Monitor



Front

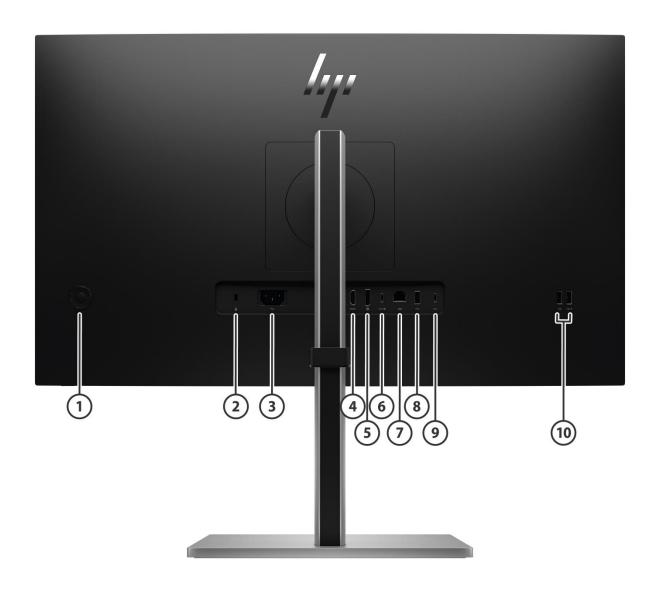
3. LED Power

2. Power Button

Ambient Light Sensor

Technical Specifications

HP E27k G5 4K USB-C Monitor



- 1. Joypad OSD button
- 2. Security Cable Slot
- 3. Power Connector
- 4. HDMI 2.0 Port
- 5. DisplayPort[™] 1.4

Back

- **6.** SuperSpeed USB Type-C[®] 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.4)
- 7. RJ-45 Port
- 8. SuperSpeed USB Type-A 5Gbps signaling rate
- **9.** SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 15W USB Power Delivery)
- **10.** SuperSpeed USB Type-A 5Gbps signaling rate (2, 1 charging)

Technical Specifications

Model: 6N4C4AA

Panel Specifications Display Size (Diagonal) 27" (68.6 cm)

Viewable Diagonal Size 27" (68.47cm)

Panel TechnologyIPSMax Refresh Rate60 Hz

Native Resolution 4K UHD (3840 x 2160)
Panel Bit Depth 10 bit (8 bit + FRC)

Aspect Ratio 16:9
Brightness (Typical) 350 nits
Contrast Ratio (Static) 1000:1

Dynamic Contrast Ratio 8000000:1 =8M:1

Flicker Free Yes

Pixel Pitch 0.15x0.15 mm
Pixels Per Inch (PPI) 163 PPI

Display ColorsUp to 1.07 billion colors supported*
*Number of colors available thru A-FRC.

Backlight Lamp Life Minimum (To Half

Brightness - In Hours)

Backlight TypeEdge-litScreen TreatmentAnti-glare

Hardness 3H Haze 25%

Response Time (Typical) 5ms GtG (with overdrive)

Horizontal Viewing Angle (Typical Cr>10)

Vertical Viewing Angle (Typical Cr>10) 178°

Panel Active Area Metric (W X H) 59.67 x 33.57 cm

Panel Active Area Imperial (W X H) 23.49 x 13.22 in

NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Color sRGB 99%

Color Management Color Space/ Subsampling Support RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2

RGB Channel Adjust Yes, Gain
Default Color Temperature Neutral (6500K)

Monitor Specifications Bezel Type 3-sided borderless

Color Of Stand Black & Silver

Color Of HeadBlackTilt $-5^{\circ} \sim +20^{\circ}$ Swivel $\pm 45^{\circ}$ Pivot $\pm 90^{\circ}$ Height Adjust Range150 mm

Vesa Mounting100 mm x 100 mmSecurity LockSecurity lock-ready

Detachable Stand Yes

Technical Specifications

Warranty 3/3/0 for LA, NA, EMEA, APJ (3/3/3 in select APJ Countries)

Low Blue LightYes, HP Eye Ease (TÜV Low Blue Light Hardware Solution

certified)

Speaker Output Power 2 x 3 W

Management Software HP Display Center, HP Display Manager*

*Host PC requires Windows 10 and above. HP Display Center is

available on the Microsoft store.

On Screen Display (OSD)

On Screen Display Brightness+, Color, Image, Input, Power, Menu,

Management, Information, Exit

Native Resolution 4K UHD (3840 x 2160)

Maximum Resolution 4K UHD (3840 x 2160 @ 60 Hz)

 Preset Graphic Modes/Supported
 640 x 480 @60Hz

 Resolutions
 720 x 400 @70Hz

 800 x 600 @60Hz

720 x 480 @60Hz 1024 x 768 @60Hz 1280 x 720 @50Hz 1280 x 720 @60Hz 1280 x 1024 @60Hz 1440 x 900 @60Hz 1600 x 900 @60Hz 1600 x 1200 @60Hz 1680 x 1050 @60Hz 1920 x 1080 @60Hz 1920 x 1200 @60Hz 1920 x 1200 @60Hz

3840 x 2160 @30Hz 3840 x 2160 @60Hz

Minimum Vertical Scan Rate30 HzMaximum Vertical Scan Rate60 HzMinimum Horizontal Scan Rate30 HzMaximum Horizontal Scan Rate135 HzMaximum Pixel Clock600 MHzUser Programmable ModesYes, 20

User-Assignable Function ButtonsYes, 4 (6 options)AudioBuilt-in 2x3W speakers

11 (English, Spanish, German, French, Italian,

Languages Netherlands, Portuguese, Japanese, T-Chinese, S-Chinese

and Russian)

Connector Types

DisplayPort™ 1 DisplayPort™ 1.4

HDMI 1 HDMI 2.0

HDCP Yes, DisplayPort™, HDMI and USB Type-C®

USB Type-C® Video Input

1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to

65W USB Power Delivery, Alt Mode DisplayPort™ 1.4)

USB Type-C® Data

1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to

15W USB Power Delivery)

Technical Specifications

3 SuperSpeed USB Type-A 5Gbps signaling rate (1 USB-A

charging)

ETHERNET 1 RJ-45 (10/100/1000 Mbps)

Special Features SWITCH Monitor Power button

Next Active Input / Up button

Audio / Down button Brightness / Left button Color / Right button Menu / Enter button

Remote Manageability*,** Through HP Display Manager,

In-Band MAC Address Pass Through (MAPT),

In-Band Wake on LAN (WoL),

PXE Boot.

Out-of-Band MAC Address Pass Through (MAPT),

Out-of-Band Wake on LAN (WoL).

*Not all notebooks support remote manageability.

**Out-of-band manageability only available with HP G7, G8 and G9 HP notebooks and not supported on non-HP devices.

User Presets 11 **User Updateable Firmware** Yes

Other Special Features Ambient Light Sensor, Single Power On

Power & Operating

Specs

Power Supply Internal

Power Source 100 - 240 VAC 50/60 Hz

Power Consumption- Max 190 W **Energy Saving/Stand By Mode** 0.5 W **Power Consumption - Typical** 29 W

22.9 W **Energy Star Data** Operational Mode at 100 VAC

> Operational Mode at 115 VAC 22.8 W Operational Mode at 230 VAC 22.3 W

EU Energy Efficiency

Class (ErP LOT-5)

On-mode Power Consumption for Standard Dynamic Range (SDR)

ErP LOT5 Energy Efficiency Class for Standard Dynamic Range (SDR)



26.1 W

Operating Conditions Operating Temperature - Celsius

5°-35°C 41° - 95°F **Operating Temperature - Fahrenheit** Non-Operating Temperature - Celsius -40° - 65°C Non-Operating Temperature --40° - 149°F

Fahrenheit

20 – 80% Relative Humidity (non-condensing) **Operating Humidity**

Non-Operating Humidity 5 - 95%

Operating Altitude 0 – 5,000 m (16,400 ft.) **Non-operating Altitude** 0 - 12,192 m (40,000 ft.)

Certifications and Yes* Low Halogen

Technical Specifications

Co	mp	lian	ces

*External power supplies, WWAN modules, power cords, cables

and peripherals excluded.

Agency Approvals and Certifications WW application

> CE/CB/KC/KCC/NOM/PSB/ICE/TUV-S/ISO 9241-307/ EAC/UL/CSA/CCC/CEL/CECP/SEPA/TCO/TCO Certified

Edge/Energy

Yes

Yes

Star/ISC/VCCI/FCC/BSMI/WEEE/PSE/cTUVus/BIS/UAE/Ukra

ine EE/E-Standy(Korea MEPS)/NRCS/TGM

Microsoft WHQL Certification Win 10, Win 11

Works With Chromebook Certified ENERGY STAR® Certified

EPEAT® Registered

Regions need to verify by country

EPEAT® Gold in United States*

*Based on US EPEAT® registration according to IEEE 1680.1-

2018 EPEAT®. Status varies by country. Visit http://www.epeat.net for more information.

CEL Grade 1 China Energy Label TCO Certified Edge Yes

TCO Certified Yes SmartWay Transport Partnership - NA

only

Yes (NA sku)

Contains Recycled Plastics

Contains Recycled Plastics

Contains ocean-bound recycled plastic*; 70% ITE-derived

closed loop plastic**

*All plastic parts contain ocean-bound plastic. Percentage of ocean-bound plastic contained in each component varies by product.

** ITE Derived Closed Loop Plastic percentage is based on the

definition set in the IEEE 1680.1-2018 standard.

Recycled Metals At least 25% recycled metal*

> *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.

Recyclable Packaging (Box, packing

materials)

Outside Box and corrugated cushions are 100%

sustainably sourced and recyclable*

*100% outer box packaging and corrugated cushions made from

sustainably sourced certified and recycled fibers.

Unit Product/Package Specifications

Product Dimensions

(Unpacked with stand) (W \times D \times H)

Product Dimensions (Packed) (W x D x H)

Display Head Dimensions

(Unpacked without stand) (W \times D \times H)

Base Area Footprint (w x d mm)

Bezel Measurements

<u>Metric</u> 61.34 x 22.73 x 54.7 cm

69.90 x 44.60 x 16.00 cm

61.34 x 4.70 x 36.46 (w/o hinge)

61.34 x 7.51 x 36.46 (w/ hinge)

256 x 205 mm

Bottom: 18.26 mm

(w/ hinge)

(w/o hinge)

<u>Imperial</u>

24.15 x 8.95 x 21.54 inch

27.52 x 17.56 x 6.30 inch

24.15 x 1.85 x 14.35

24.15 x 2.96 x 14.35

10.08 x 8.07 inch

Bottom: 0.72 inch



Technical Specifications

Product Weight 7.5 kg 16.54 lb

(Unpacked with stand) **Product Weight**10.0 kg

22.0 lb

(Packed)

 Product Weight
 5.4 kg (w/o hinge)
 11.81 lb (w/o hinge)

 (Head Only)
 5.7 kg (w/ hinge)
 12.66 lb (w/ hinge)

Pallet InformationPallet DimensionsSlip Sheet:Slip Sheet:

(L x W x H mm) 1130 x 709 x 2242 mm 44.49 x 27.91 x 88.27 inch

(20' ft & 40' ft) (20' ft & 40' ft) Slip Sheet: Slip Sheet:

1130 x 709 x 2242 mm 44.49 x 27.91 x 88.27 inch

(40 HQ) (40 HQ) Pallet: Pallet:

1130 x 709 x 1925 mm 44.49 x 27.91 x 75.79 inch

(20' ft & 40' ft) (20' ft & 40' ft)

Pallet: Pallet:

1130 x 709 x 2371 mm 44.49 x 27.91 x 93.35 inch

(40 HQ) (40 HQ) Slip Sheet: Slip Sheet:

 Pallet Total Weight
 Slip Sheet:
 Slip Sheet:

 354.78 kg (20' ft & 40' ft)
 782.15 lbs (20' ft & 40' ft)

554.76 kg (20 11 & 40 11) 762.15 (25 11 & 40 11)

 Slip Sheet:
 Slip Sheet:

 354.78 kg (40 HQ)
 782.15 lbs (40 HQ)

Pallet: Pallet:

295.94 kg (20' ft & 40' ft) 652.44 lbs (20' ft & 40' ft)

Pallet: Pallet:

366.3 kg (40 HQ) 807.56 lbs (40 HQ)

Pallet Layers 5 layers per slip sheet

4 layers or 5 layer per pallet 7 per layer (slip sheet) 7 per layer (pallet)

Total Products per Pallet 35 sets per slip sheet

28 sets or 35 sets per pallet

560 sets (slip sheet)

448 sets (pallet)
1120 sets (slip sheet)

Container Load, 40-Foot 896 sets (pallet)

Container Load, 40-Foot HighQ 1120 sets (slip sheet) 1120 sets (pallet)

What's in the box? AC power cord (1.83m) 5.9ft

USB 3.2 C-C cable (1.0m)

Pallet Product per Layer

Container Load, 20-Foot

Warranty

Quick Setup Poster

User Guide Languages Arabic, Bahasa Indonesia, Bulgarian, Chinese-S, Chinese-

T, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Kazakh, Korean, Latvian, Lithuanian,

User Guide and

Warranty Languages

Technical Specifications

Warranty Languages

Norwegian, Polish, Portuguese (Brazilian), Portuguese (Iberian), Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkey, Ukrainian English US (EN), English AP (EN-AP), English LA (EN-LA), English UK (EN-GB), Arabic (AR) -17x, Bahasa Indonesia (ID), Bosnian (BS), Bulgarian (BG), Chinese-S (CN), Chinese-T (TW), Croatian (HR), Czech (CS), Danish (DA), Dutch (NL), Estonian (ET), Finnish (FI), French Canadian (FC), French European (FR), German (DE), Greek (EL), Hebrew (HE), Hungarian (HU), Italian (IT), Japanese (JA), Kazakh (KK), Korean (KO), Latvian (LV), Lithuanian (LT), Norwegian (NO), Polish (PL), Portuguese, Brazilian (BR), Portuguese, Iberian (PT), Romanian (RO), Russian (RU), Serbian (SR), Slovak (SK), Slovenian (SL), Spanish, Castilian (ES-ES), Spanish, Latin America (ES-MX), Swedish (SV), Thai (TH) Turkish (TR), Ukrainian (UK), Vietnamese (VI)



Technical Specifications

ENVIRONMENTAL DATA

Eco-Label Certifications	This product has received	or is in the process of hein	r certified to the following approvals and may		
& declarations	This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:				
	IT ECO declaration				
	US ENERGY STAR®				
	US Federal Energy Management Program (FEMP)				
	 EPEAT® Gold registered in the United States. See http://www.epeat.net for registration status in your country. 				
	TCO Certified Edg	-			
		servation Program (CECP)			
		onmental Protection Admir	nistration (SEPA)		
	Taiwan Green Ma				
	 Korea Eco-label 				
	 Japan PC Green la 	ıbel*			
	-				
Sustainable Impact	Ocean-bound plastic in stand				
Specifications	• 70% post-consumer recycled plastic				
	• 25% recycled metal				
	• Low halogen	t-d	Andreadally and an algorithms and an algorithms		
			tainably sourced and recyclable		
			ainably sourced and recyclable		
System Configuration	• Recycled Plastic cushions The configuration used for the Energy Consumption and Declared Noise Emissions data for the				
System Configuration		on a "Typically Configured I			
	Notebook model is based	on a Typically configured	Notebook .		
Energy Consumption					
(in accordance with US					
ENERGY STAR® test					
method)	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz		
Normal Operation (Short	22.8 W	22.3 W	22.9 W		
idle)					
Normal Operation (Long	22.8 W	22.3 W	22.9 W		
idle)					
Sleep	0.46 W	0.46 W	0.46 W		
Off	0.22 W	0.22 W	0.22 W		
	NOTE.				
	NOTE:	adic for an ENEDCY CTAD®	compliant avadust if afford within the model		
	Energy efficiency data listed is for an ENERGY STAR® compliant product if offered within the family LIB computers marked with the ENERGY STAR® Logo are compliant with the applies				
	family. HP computers marked with the ENERGY STAR® Logo are compliant with the applicable U.S. Environmental Protection Agency (EPA) ENERGY STAR® specifications for computers. If a model family does not offer ENERGY STAR® compliant configurations, then energy efficiency data listed is for a typically configured PC featuring a hard disk drive, a high efficiency power supply, and a Microsoft Windows® operating system.				
	445446 604	22245 724	4001146 - FOLL		
Heat Dissipation*	115VAC, 60Hz	230VAC, 50Hz	100VAC, 50Hz		
Normal Operation (Short	78.0 BTU/hr	76.3 BTU/hr	78.3 BTU/hr		
idle)	70 0 DTU/h	7.C 2 DTU/L	70.2 DTII/k		
Normal Operation (Long idle)	78.0 BTU/hr	76.3 BTU/hr	78.3 BTU/hr		
Sleep	1.6 BTU/hr	1.6 BTU/hr	1.6 BTU/hr		
Off	0.8 BTU/hr	0.8 BTU/hr	0.8 BTU/hr		
UII	וווןטום ס.ט	ווו/טום ס.ט	U.O DTU/III		
	1				
	*NOTE: Heat dissination is	calculated based on the m	easured watts, assuming the service level is		
	*NOTE: Heat dissipation is attained for one hour.	calculated based on the m	easured watts, assuming the service level is		

Technical Specifications

Longevity and Upgrading	This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the			
	Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.			
Additional Information	 This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2011/65/EC. This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC. This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986). This product is in compliance with the IEEE 1680 (EPEAT) standard at the Gold level, see www.epeat.net Plastics parts weighing over 25 grams used in the product are marked per IS011469 and IS01043. This product is 97.3% recycle-able when properly disposed of at end of life. 			
Packaging Materials	External:	PAPER/Corrugated	1670 g	
		PAPER/Molded Pulp	605 g	
	Internal:	PLASTIC/EPE (Polyethylene Expanded)	37 q	
		PLASTIC/EPE (Polyethylene Expanded)	5.8 g	
		PLASTIC/EPE (Polyethylene Expanded)	6 g	
	The plastic	packaging material contains at least 0.0% recycled conten		
	The corrugated paper packaging materials contains at least 100.0% recycled content.			
RoHS Compliance	HP Inc. complies fully with materials regulations. We were among the first companies to extend the restrictions in the European Union (EU) Restriction of Hazardous Substances (RoHS) Directive to our products worldwide through the HP GSE. HP has contributed to the development of related legislation in Europe, as well as China, India, and Vietnam. We believe the RoHS directive and similar laws play an important role in promoting industry-wide elimination of substances of concern. We have supported the inclusion of additional substances—			
	including PVC, BFRs, and certain phthalates—in future RoHS legislation that pertains to and electronics products. We met our voluntary objective to achieve worldwide compliance with the new EU RoHS requirements for virtually all relevant products by July 2013, and we will continue to ex scope of the commitment to include further restricted substances as regulations contin evolve.			
To obtain a copy of the HP RoHS Compliance Statement, se			position statement.	
Material Usage	This product does not contain any of the following substances in excess of regulatory limits to the HP General Specification for the Environment at http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications			
	CerCerCadChlor	estos tain Azo Colorants tain Brominated Flame Retardants – may not be used as fl mium orinated Hydrocarbons orinated Paraffins	ame retardants in plastics	



Technical Specifications

	Bis(2-Ethylhexyl) phthalate (DEHP)	
	Benzyl butyl phthalate (BBP)	
	Dibutyl phthalate (DBP) (DBP)	
	Diisobutyl phthalate (DIBP)	
	Formaldehyde	
	Halogenated Diphenyl Methanes	
	Lead carbonates and sulfates	
	Lead and Lead compounds	
	Mercuric Oxide Batteries	
	 Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user. 	
	Ozone Depleting Substances	
	Polybrominated Biphenyls (PBBs)	
	Polybrominated Biphenyl Ethers (PBBEs)	
	Polybrominated Biphenyl Oxides (PBBOs)	
	Polychlorinated Biphenyl (PCB)	
	Polychlorinated Terphenyls (PCT)	
	Polyvinyl Chloride (PVC) — except for wires and cables, and certain retail packaging has	
	been voluntarily removed from most applications.	
	Radioactive Substances	
	Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)	
Packaging Usage	HP follows these guidelines to decrease the environmental impact of product packaging:	
	Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in	
	packaging materials.	
	Eliminate the use of ozone-depleting substances (ODS) in packaging materials.	
	Design packaging materials for ease of disassembly.	
	Maximize the use of post-consumer recycled content materials in packaging materials.	
	Use readily recyclable packaging materials such as paper and corrugated materials.	
	Reduce size and weight of packages to improve transportation fuel efficiency.	
	Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.	
End-of-life Management	HP offers end-of-life HP product return and recycling programs in many geographic areas. To	
and Recycling	recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest	
	HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible	
	manner.	
	The FUNETE 1: 42 (2002/05/FG) and the second of the second	
	The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly	
	instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers.	
	These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM	
	customers who integrate and re-sell HP equipment.	
UD Inc Coupousts	For more information about HP's commitment to the environment:	
HP, Inc. Corporate Environmental	For more information about HP's confinitinent to the environment:	
Information	Global Citizenship Report	
	http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html	
	Eco-label certifications	
	http://www8.hp.com/us/en/hp-information/environment/ecolabels.html	
	ISO 14001 certificates:	
	http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842	
	and	
	http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf	

Technical Specifications

footnotes

- Percentage of ocean-bound plastic contained in each component varies by product
- Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- External power supplies, WWAN modules, power cords, cables and peripherals excluded.
- 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- Fiber cushions made from 100% recycled wood fiber and organic materials.
- Plastic cushions are made from >90% recycled 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

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Summary

Change Log			
March 28, 2023	V1 to V2	Added	Works With Chromebook Certified in Certifications and Compliances section
	V2 to V3		

