HP Z27u G3 QHD Display

Brand : HP

Product code: 1B9X2AA

Product name : Z27u G3 QHD Display

Z27u G3 QHD Display

HP Z27u G3 QHD Display:

Exquisitely crafted for every detail
Meticulously crafted to surpass every design standard, the HP Z27u G3 QHD USB-C® Display is composed of authentic aluminum and delivers an impressive, frameless viewing experience. Bring your ideas to life with remarkable color accuracy in precise Quad HD resolution. Refine your work experience and transform your PC into a powerhouse with this 27" (68.58 cm) diagonal screen monitor with USB-C 100W Power Delivery.
HP Z27u G3 QHD Display. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED, Display surface: Matt, Response time: 5 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Silver

Display

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Response time *	5 ms
Display surface	Matt
Anti-glare screen	✔
Screen shape *	Flat
Supported graphics resolutions	1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1440 x 900 (WXGA+), 1600 x 1200 (UXGA), 1600 x 900, 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080), 1920 x 1200 (WUXGA), 2560 x 1440, 640 x 480 (VGA), 800 x 600 (SVGA)
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	10000000:1
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.233 x 0.233 mm
Pixel density	109 ppi
Horizontal scan range	30 - 90 kHz
Vertical scan range	50 - 60 Hz
Display diagonal (metric)	68.6 cm

Ergonomics

Swivelling	✔
Swivel angle range	-45 - 45°
Tilt adjustment	✔
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✔

Power

Energy efficiency class (SDR) *	F
Energy consumption (SDR) per 1000 hours *	24 kWh
Power consumption (typical) *	39 W
Power consumption (standby) *	0.5 W
Power consumption (max)	160 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
European Product Registry for Energy Labelling (EPREL) code	360627

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Operating relative humidity (H-H)	0 - 95%
Storage relative humidity (H-H)	20 - 80%

Weight & dimensions

Width (with stand)	612.3 mm
Depth (with stand)	205 mm
Height (with stand)	530.4 mm
Weight (with stand)	6.2 kg
Width (without stand)	612.3 mm
Depth (without stand)	38.9 mm
Height (without stand)	356.1 mm

Display

Surface hardness	3H
Colour depth	8 bit
Colour gamut standard	sRGB
Colour gamut	99%
sRGB coverage (typical)	99%
Display bezel technology	Micro-Edge

Performance

Flicker-free technology	✔
Low Blue Light technology	✔
HP segment	Business

Multimedia

Built-in speaker(s) *	✘
Built-in camera *	✘

Design

Market positioning *	Business
Product colour *	Silver
Detachable stand	✔

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-C
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	100 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
HDCP	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Height adjustment *	✔
Adjustable height (max)	15 cm
Pivot	✔
Pivot angle	0 - 90°

Packaging data

Package width	698 mm
Package depth	423 mm
Package height	163 mm
Package weight	9.4 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	AC, DisplayPort, USB Type-C to USB Type-C

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR
Sustainable technologies and materials	Arsenic-free display glass; Low halogen; Mercury-free display backlights; TCO Certified; TCO Certified Edge

Carbon footprint

Total carbon footprint (kg of CO2e)	270
Carbon emissions, manufacturing (kg of CO2e)	153
Carbon emissions, logistics (kg of CO2e)	3
Carbon emissions, end-of-life (kg of CO2e)	2
Total carbon emissions, w/o use phase (kg of CO2e)	116

Other features

Country of origin	China
UNSPSC-code	43211902
Weight	6.2 kg
Height	356.1 mm
Width	612.3 mm
Depth	38.9 mm
Compliance certificates	BIS, BSMI, CB, CCC, CE, CECP, CEL, EAC, Federal Communications Commission (FCC), KCC, Norma Oficial Mexicana (NOM), VCCI, WEEE, cTUVus
Ethernet LAN (RJ-45) ports	1

Brand-specific features

HP GTIN (EAN/UPC)	195122252427

Logistics data

Harmonized System (HS) code	85285210

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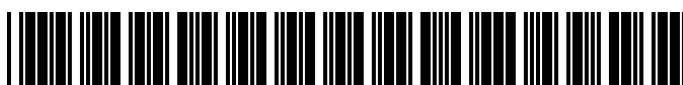195122252342

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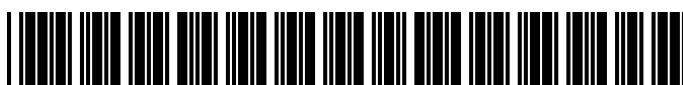
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