Technical Specifications

HP E24i G4 WUXGA Monitor



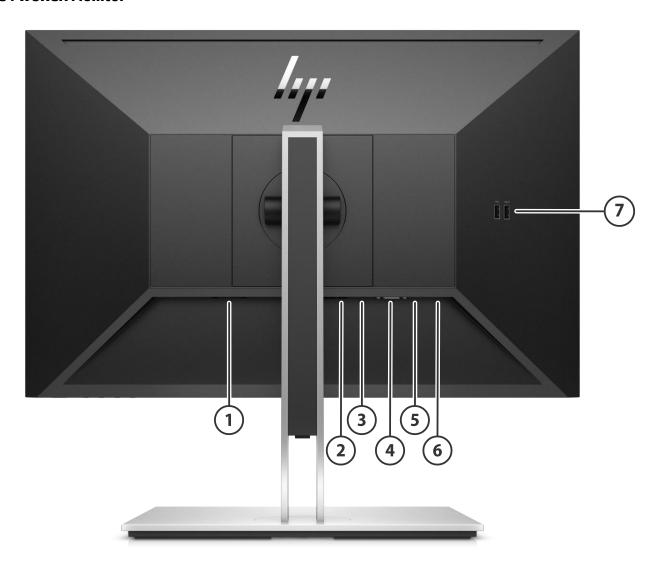
1. OSD Buttons

Front

2. Power Button

Technical Specifications

HP E24i G4 WUXGA Monitor



- 1. Power Connector
- 2. DisplayPort™
- 3. HDMI Port
- 4. VGA Port

Back

- 5. USB-B Port
- 6. USB-A Ports (2)
- 7. USB-A Ports (2)

Technical Specifications

Models: 9VJ40AA

Panel SpecificationsDisplay Size (Diagonal)24-inDisplay Panel TypeIPS

Micro-Edge BezelYes, 3-sidedNative Resolution/Timing1920 x 1200 @60HzPanel Bit Depth8bit (6bit + FRC)

Aspect Ratio 16:10
Brightness - Typical 250 cd/m²
Static Contrast Ratio - Typical 1000:1
Static Contrast Ratio - Minimum 700:1
Dynamic Contrast Ratio (DCR) 5M:1
Flicker Free Yes

Pixel Pitch 0.2745 (H) × 0.2745(V)

Pixels Per Inch (PPI) 94

Backlight Lamp Life (to half brightness 30k minimum

- in hours)

Anti-Glare Panel Yes

Response Time - Typical 5ms GtG (with overdrive)

Horizontal Viewing Angle (typical 178°

CR>10)

Vertical Viewing Angle (typical CR>10) 178°

Panel Active Area (w x h) 527.04(H) × 296.46(V) mm

Preset Graphic Modes/Supported 640 × 480 @60Hz Resolutions 720 × 400 @70Hz

800 × 600 @60Hz 1024 × 768 @60Hz 1280 × 720 @60Hz 1280 × 800 @60 HZ 1280 × 1024@60Hz 1440 × 900 @60Hz 1600 × 900 @60Hz 1680 × 1050 @60Hz

 Maximum Resolution
 1920 × 1200 @60Hz

 Recommended Resolution
 1920 × 1200 @60Hz

Vertical Scan Range50-60HzHorizontal Scan Range30-80kHzDefault Color TemperatureNeutral (6500K)

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

Color Gamut Coverage NTSC 72%

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

Default Color Temperature Neutral (6500 K)

Low Blue Light Modes Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution

certified)

RGB Channel Adjust Yes

Monitor Specifications Exterior Color of Monitor Bezel and Black head, Silver stand

Stand

Plug & Play Yes

Tilt -5° to +23°

Technical Specifications

+/-45° **Swivel** Pivot +/-90° **Height Adjustment Range** 150mm **VESA Mounting** Yes. 100 mm

Security Lock Ready Yes

Detachable Base Yes, ships detached Based on region Warranty

On Screen Display

(OSD)

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

Management, Information

1 DisplayPort™ 1.2 in

Menu, Minus ("-")/Information, Plus ("+") / Viewing Mode, **Monitor Control Buttons or Switches**

OK/Next Active Input, Power

Yes, 3 (6 Options) **User-Assignable Function Buttons**

10 (German, Dutch, T-Chinese and S-Chinese, English, Languages

3.2

Yes

Yes

16 W

Spanish, French, Italian, Japanese, Portuguese)

Connector Types

DisplayPort™ HDMI

1 HDMI1.4

VGA 1

HDCP support Yes, (DisplayPort™ and HDMI)

USB Port Specifications **USB Version**

USB Hub Yes **Downstream Ports** 4 Ports **Upstream Ports** 1 Port

Fast Charging USB Ports 1 Port (Side) (USB-A) **Power Output Maximum** Fast Charging: 7.5 W

Special Features

User Presets User Updateable Firmware Power Supply

Power & Operating

Specs

Internal **Power Source** 100 - 240 VAC 50/60 Hz

Power Consumption - Maximum 35 W **Energy Saving/Standby Mode** 0.5 W **Power Consumption - Typical** 36 W Power cable length 1.9 m

EU Energy Efficiency Class (EC1062)

On-mode Power Consumption

(EC 1062/2010)

Annual Power Consumption 24 kWh

(EC 1062/2010)

Energy Efficiency Class (EC 1062/2010)

Visible Screen Size 24" / 60.69 cm Diagonal

Operating Conditions

Operating Temperature - Celsius 5°-35°C **Operating Temperature - Fahrenheit** 41°C - 95°F Non-operating Temperature - Celsius $-34^{\circ} - 60^{\circ}C$ Non-operating Temperature --29° - 140°F

Fahrenheit

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

Non-operating Humidity 5 - 95%

Operating Altitude 0 – 5.000 m (16.400 ft.) **Non-operating Altitude** 0 – 12,192 m (40,000 ft.)

Technical Specifications

Environmental
Features and
Certifications

Mercury-free LED display backlighting

Arsenic-Free Display Glass

Low Halogen*

Yes, Mercury-free LED backlighting

Yes Yes

GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR,

NOTE: External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained

after purchase may not be Low Halogen.

Agency Approvals and Certifications

CE. CB. KC/KCC/NOM/ISO 9241-307/ EAC/TUV-GS/cTUVus/PSB/CCC/CEL/ISC/VCCI/FCC/BSMI/Vietnam

Microsoft WHQL Certification

ENERGY STAR®

EPEAT® Registered* TCO Certified

China Energy Label SmartWay Transport Partnership - NA

only

MEPS/Australian-New Zealand MEPS/WEEE/BIS/CEC/E-Standby/Low Blue Light/CECP/TUV-S/CECP Win 10, Win 8, Win 7

Yes, ENERGY STAR® 8

CEL Grade 1 Yes (NA SKU)

Yes

Yes

WW certificate

NOTE: DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

Contains Recycled Plastics

Container Load. 20-Foot

85% recycled content by total weight

Unit Product/Package
Specifications

	<u>Metric</u>	<u>Imperial</u>
Product Dimensions (Unpacked with stand) (W x D x H)	53.2 x 20.69 x 50.96 cm	20.94 x 8.15 x 20.06 in
Product Dimensions (Packed) (W x D x H)	60.5 x 42 x 22.4 cm	23.82 x 16.54 x 8.82 in
Display Head Dimensions (Unpacked without stand) (W x D x H)	53.2 x 4.7 x 35.27 cm	20.94 x 1.85 x 13.88 in
Base Area Footprint (w x d mm)	260 x 207 mm	10.23 x 8.15 in
Bezel Measurements	Bottom 20.73 mm (display chin)	Bottom 8.16 in (display chin)
Product Weight (Unpacked with stand)	6.06 kg	13.36 lb
Product Weight (Packed)	9.12 kg	20.1 lb
Product Weight (Head Only)	3.6 kg	7.94 lb
Pallet Dimensions (L x W x H)	1220 x 1140 x2243 mm	48.03 x 44.88 x 88.31in
Pallet Total Weight (L x W x H)	40" GQ: 384 kg 40" HQ: 476 kg	40" GQ: 847 lbs 40" HQ: 1050 lbs
Pallet Layers	GQ: 4 HQ: 5	
Pallet Product per Layer	8	
Total Products per Pallet	GQ: 32 HQ: 40	

Pallet Information

460

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Technical Specifications

Container Load, 40-Foot 960 **Container Load, 40-Foot HighQ** 960

Software Included HP Display Center

What's in the box? 1 HDMI (1.8 m) 5.9 ft

1 DisplayPort™ (DisplayPort™ 1.2) (1.8 m) 5.9 ft 1 USB-A-B cable (1.8 m) 5.9 ft 1 Power Cord (1.9 m) 6.2 ft

1 QSP 1 Doc-Kit

User Guide and Warranty Languages **User Guide Languages** English, Arabic, S. Chinese, T. Chinese, Czech, Danish,

Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and

Turkish.

Warranty Languages English, Arabic, S. Chinese, T. Chinese, Czech, Danish,

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Summary

Change Log			
January 3, 2021	V1 to V2	Techspecs updated	

