

Technical Specifications

HP EliteDisplay E243d 23.8-inch Docking Monitor

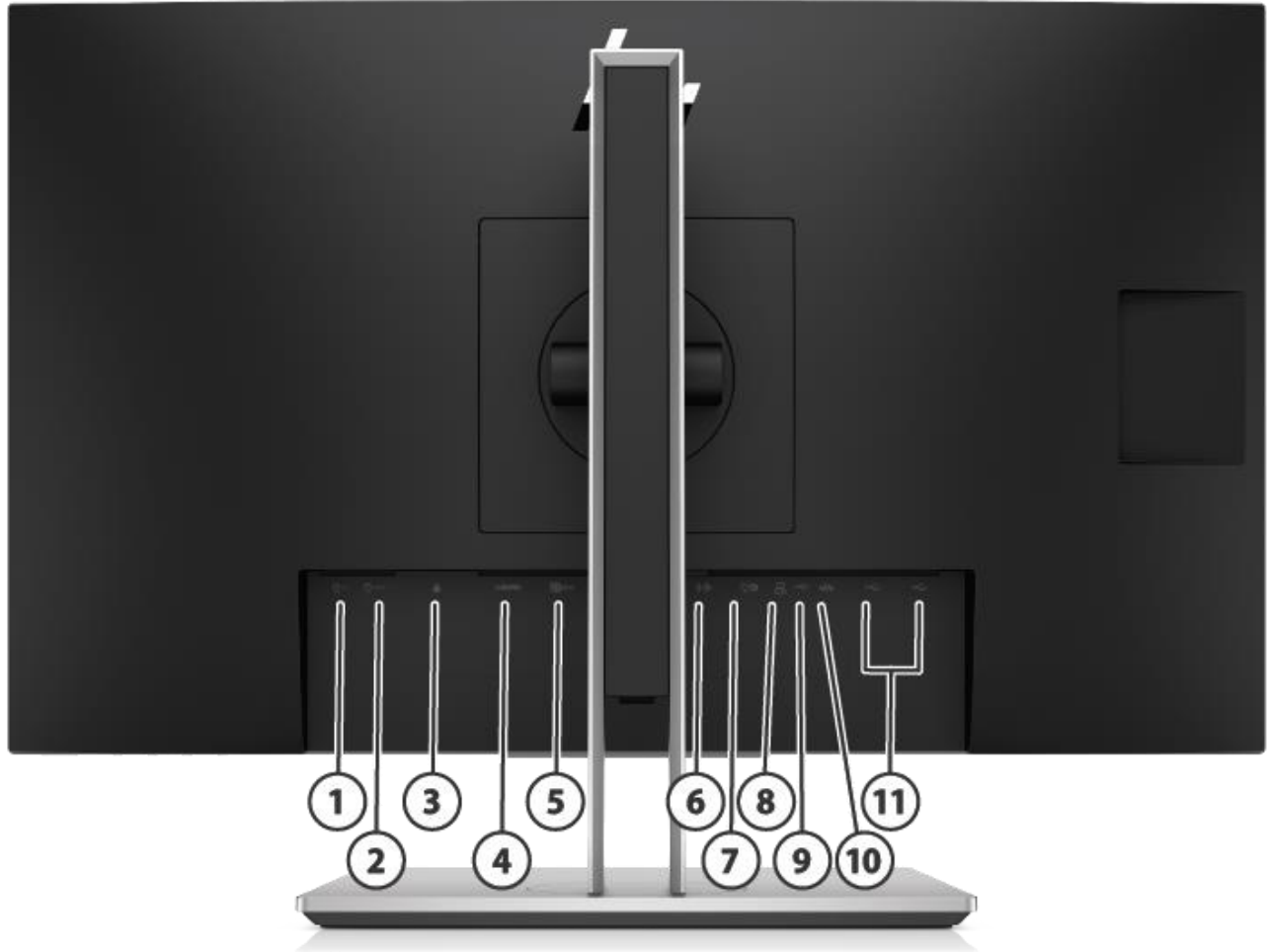


Front

1. Camera microphones
2. Camera Light
3. Camera
4. Menu button
5. Function buttons
6. Power button (with power light)

Technical Specifications

HP EliteDisplay E243d 23.8-inch Docking Monitor



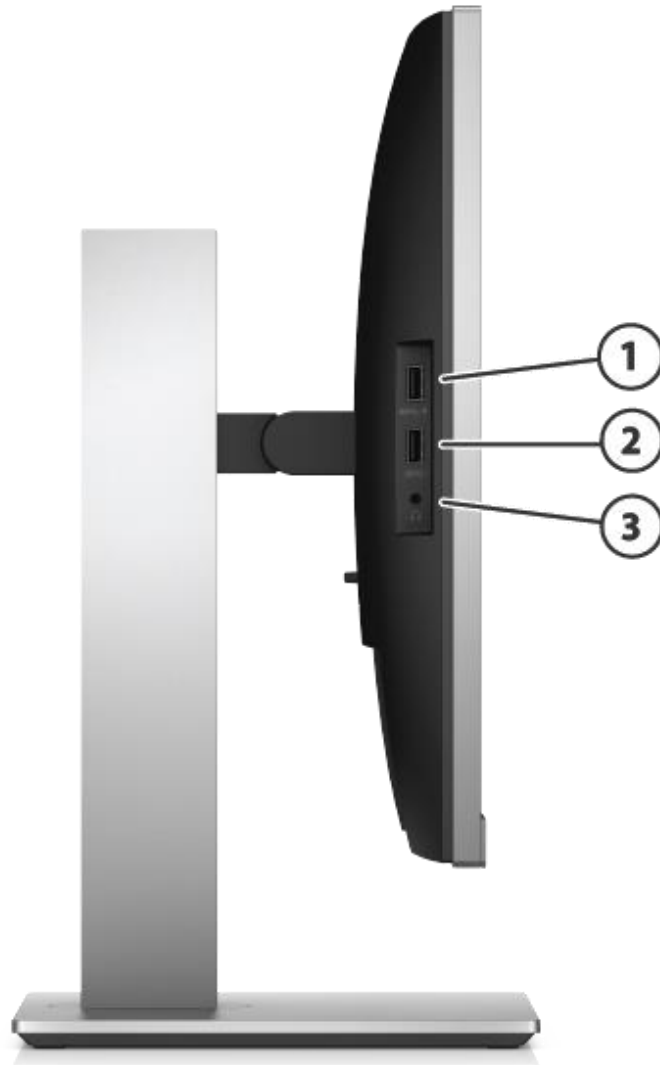
1. DC Power IN connector
2. DC Power OUT connector
3. Security cable slot
4. HDMI port
5. DisplayPort™ 1.2 OUT port
6. VGA port

Back

7. Audio-in jack
8. USB Type-C™ port
9. USB Type-B™ port
10. Network jack
11. USB Type-A ports (2)

Technical Specifications

HP EliteDisplay E243d 23.8-inch Docking Monitor



Side View

1. USB Type-A ports (Fast charge, 7.5W)
2. USB Type-A port (standard)
3. Audio-out (headset) jack

Technical Specifications

Models: 1TJ76AA/1TJ76A8/1TJ76AC/1TJ76AT/1TJ76AS/1TJ76U9

| | | |
|-----------------------------|--|---|
| Panel Specifications | Display Size (Diagonal) Display Panel Type Micro-Edge Bezel Native Resolution/Timing Native Resolution Note Panel Bit Depth Aspect Ratio Brightness - Typical Static Contrast Ratio - Typical Static Contrast Ratio - Minimum Dynamic Contrast Ratio (DCR) Pixel Pitch Pixels Per Inch (PPI) Backlight Lamp Life (to half brightness - in hours) Anti-Glare Panel Response Time - Typical Horizontal Viewing Angle (typical CR>10) Vertical Viewing Angle (typical CR>10) Panel Active Area (w x h) Preset Graphic Modes/Supported Resolutions Maximum Resolution Recommended Resolution Vertical Scan Range Horizontal Scan Range Default Color Temperature Maximum Pixel Clock Speed * All Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. | 23.8 in IPS w/LED backlight Yes, 3-sided 1920 x 1080 @60 Hz The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz and include 1 HDMI or 1 VGA or USB TYPIC DP ALT MODE to drive the monitor at the Preferred Mode. 8 Bit (6 Bit + A-FRC) 16:9 250 cd/m ² 1000:1 700:1 5,000,000:1 0.2745 x 0.2745 mm 92.56 30k minimum Yes 7ms (GTG) 178° 178° 527.04 (H) x 296.46 (V) 640x480 @59.940Hz 720x400 @70.087Hz 800x600 @60.317Hz 1024x768 @60.004Hz 1280x720 @60Hz 1280x800 @59.810Hz 1280x1024 @60.020Hz 1440x900 @59.887Hz 1600x900 @60Hz 1680x1050 @59.954Hz 1920x1080 @60Hz 1920 x1080 @60Hz 50 - 60 Hz 30 - 80 kHz Neutral (6500K) 170Mhz |
| Color Gamut Coverage | NTSC 72% sRGB 94% | |
| Color Management | Color Space / Subsampling Support RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 Default Color Temperature Neutral (6500K) Low Blue Light Modes Yes RGB Channel Adjust Yes, Gain | |

Technical Specifications

| | | |
|--|---|---|
| Monitor Specifications | Exterior Color of Monitor Bezel and Stand Plug & Play Tilt Swivel Pivot Height Adjustment Range VESA Mounting Security Lock Ready Detachable Base Warranty | Asteroid in bezel and bucket frame and Jack black in stand Yes -5 TO +23 DEGREES Yes, 45° Pivot (CW & counter CW). Detent at 0 degrees Yes, 150 mm Yes, 100 mm with integrated mount or with included bracket Yes Yes, ships detached 3-0-0 NA/BZL 3-3-0 TW/EMEA/ANZ/JPN/VIET 3-3-3 KOR/INDIA/PRC |
| Multimedia | Webcam Microphone | Yes, 720p Yes, 2 |
| On Screen Display (OSD) | On Screen Display User Controls User Programmable Modes Monitor Control Buttons or Switches User-Assignable Function Buttons Languages | Brightness, Contrast, Color Control, Input Control, Image Control, Power control, Menu Control, Management, USB Host Selection, Information, EXIT Yes, 10 Menu, Minus ("-")/Information, Plus ("+")/Viewing Modes, Back/Next Active Input, Power Yes, 3 (8 options) 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese). |
| Connector Types | DisplayPort™ HDMI VGA HDCP support Audio Output Audio Input Ethernet | 1 DisplayPort™ 1.2 out 1, HDMI 1.4 IN 1, VGA IN Yes, (USB-C™ Video and HDMI) 1, Analog 1, Analog Yes |
| Power & Operating Specs | USB Version USB Hub Downstream Ports Upstream Ports Fast Charging USB Ports Power Output Maximum | USB 3.1 Gen 1 Yes 4 Ports 2 Ports (Type-C & Type-B) 1 Port (Upper, on side) Fast Charging: up to 7.5W; Standard up to 4.5W; up to 90W on DC OUT port* |
| USB-Type C™ Port Specifications | USB-Type C™ Version Upstream USB-Type C™ Ports Video Support Power Output Power Output Maximum | USB 3.1 Gen1 / 5G bps 1 Port USB-C™ DP Alt mode – DisplayPort™ 1.2 5V/9V/10V/12V/15V/20V 65W Max |

***NOTE:** Only one host PC should be connected to either USB Type-C™ port or DC OUT port for Power pass through. Connecting two Host PCs to the HP EliteDisplay E243d 23.8-inch Docking Monitor may result in system shutdown, loss of power, and the need to power-cycle the monitor's AC supply.

Technical Specifications

| | | |
|--|--|--|
| Special Features | User Presets | Yes |
| Power and Operating Specs | Power Supply | External |
| | Power Source | 100–240 VAC 50/60 Hz |
| | Power Consumption - Maximum | 155 W (without DC power out, with power delivery) |
| | Energy Saving/Standby Mode | 0.5W |
| | Power Consumption - Typical | 38 W |
| | Power cable length | 1830mm: 398062-001,150304-008,130627-008,121565-001,285052-001,100613-008,286496-001,109197-008,653326-001,438723-001,393312-001 2500mm: 187487-001,100661-001,401328-001 1800mm: 100614-009 2000mm: 403440-001 |
| EU Energy Efficiency Class (EC1062) | On-mode Power Consumption (EC 1062/2010) | 29W |
| | Annual Power Consumption (EC 1062/2010) | 42 kWh |
| | Energy Efficiency Class (EC 1062/2010) | B |
| | Visible Screen Size | 23.8"/60,5cm |
| Operating Conditions | Operating Temperature - Celsius | 5° - 35°C |
| | Operating Temperature - Fahrenheit | 41° - 95°F |
| | Non-operating Temperature - Celsius | -20° - 60°C |
| | Non-operating Temperature - Fahrenheit | -4° - 140°F |
| | Operating Humidity | 20% - 80% (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.) |
| Environmental Features and Certifications | Mercury-free LED display backlights | Yes, Mercury-free LED backlights |
| | Arsenic-Free Display Glass | Yes |
| | Low Halogen** | Yes GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC) |
| | Agency Approvals and Certifications | WW application CE,CB,KC/KCC/NOM/PSB/ICE/ISO 9241-307/ EAC/UL/cTUVus/PSB/ISC/CCC/CEL/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE |
| | Microsoft WHQL Certification | Win 10, Win 8.1, Win 7 |
| | China Energy Label | CEL Grade 3 |
| | SmartWay Transport Partnership - NA only | Yes (NA SKU) |
| | **External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. | |
| Contains Recycled Plastics | Contains Recycled Plastics in Back Cover | 0.85 |

Technical Specifications

| | | | |
|--|---|---|--|
| | Contains Recycled Plastics in Base/Stand | 0.85 | |
| | Contains Recycled Plastics in Other Parts | 85% (Deco, Middle Frame) | |
| | Recyclable Plastics | All | |
| | Recyclable Packaging (Box, packing materials) | All | |
| Unit Product/Package Specifications | Product Dimensions (Unpacked with stand) (W x D x H) | Metric 53.88 x 20.5 x 46.3 cm | Imperial 21.21 x 8.07 x 18.23 in |
| | Product Dimensions (packed) (W x D x H) | 62.0 x 40.0 x 27.3 cm | 24.41 x 15.75 x 10.75 in |
| | Display Head Dimensions (Unpacked without stand) (W x D x H) | 53.88 x 4.535 x 32.19 cm | 21.21 x 1.79 x 12.67 in |
| | Base Area Footprint (W x D x H) | 236.99 x 205.00 mm | 9.39 x 8.07 in |
| | Bezel Measurements | Top: 1.36 mm | Top: 0.054 in |
| | | Side: 1.36 mm | Side: 0.054 in |
| | | Bottom: 18.56 mm | Bottom: 0.73 in |
| | Product Weight (Packed) | 9.72kg | 21.43lbs |
| | Product Weight (Head Only) | 3.77kg | 8.31lbs |
| | Pallet Dimensions (L x W x H) | G-1:1250L x 1110W x 125H mm | G-1:49.21L x 43.7W x 4.92H inch |
| | | G-2:1110L x 630W x 125H mm | G-2:43.7L x 24.8W x 4.92H inch |
| | Pallet Total Weight (L x W x H) | G-1:408.8 kg | G-1:901.25 lbs |
| | | G-2:214.4 kg | G-2:472.67 lbs |
| | Pallet Layers | 5 | |
| Pallet Product per Layer | G-1:8 | | |
| | G-2:4 | | |
| Total Products per Pallet | G-1:40 | | |
| | G-2:20 | | |
| Container Load, 20-Foot | 360units | | |
| Container Load, 40-Foot | 760units | | |
| Container Load, 40-Foot HighQ | 912units | | |
| Software | Software available on HP Support website | DisplayLink USB Driver Software Monitor INF/ICM Software HP Display Assistant | |
| What's in the box? | AC power cord (1.83m) 6.0 ft USB C-C cable (1.8m) 5.9 ft USB A-B Cable (1.8m) 5.9 ft HDMI cable (1.8m) 5.9 ft DC-DC Cable (1.8m) 5.9 ft DC Jack Dongle (7.4mm to 4.5mm) External power supplier (180W) QSP Product notice | | |
| 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, Dutch, Finnish, French, German, Greek, Hungarian, Italian, | |

Technical Specifications

Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.

Dynamic Contrast Ratios* during video playback only, depending on series of frames or time duration.
All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

| | | | | |
|-------------------------------|---|---|---------------------|---------------------|
| Environmental Data | Eco-Label Certifications & 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: <ul style="list-style-type: none"> IT ECO declaration EPEAT® Not Applicable registered in the United States. See http://www.epeat.net for registration status in your country. Search keyword generator on HP's 3rd party option store for solar energy accessory at http://www.hp.com/go/options. | | |
| | Energy Consumption (in accordance with US ENERGY STAR® test method) | 115VAC, 60Hz | 230VAC, 50Hz | 100VAC, 50Hz |
| | Normal Operation | 24 W | 22.3 W | Not Applicable |
| | Sleep | 0.33 W | 0.38 W | Not Applicable |
| | Off | 0.28 W | 0.33 W | Not Applicable |
| | Heat Dissipation* | 115VAC, 60Hz | 230VAC, 50Hz | 100VAC, 50Hz |
| | Normal Operation | 82 BTU/hr | 76 BTU/hr | Not Applicable |
| | Sleep | 1 BTU/hr | 1 BTU/hr | Not Applicable |
| | Off | 1 BTU/hr | 1 BTU/hr | Not Applicable |
| | | *NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour. | | |
| Additional Information | <ul style="list-style-type: none"> This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/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 <Not Applicable> level, see www.epeat.net Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043. This product contains 36% post-consumer recycled plastic (by wt.) according to the EPEAT 2.0 IEEE 1680.1-2018 standard This product is 98.1% recycle-able when properly disposed of at end of life. | | | |
| Packaging Materials | External: | PAPER/Corrugated | 1715 g | |
| | | PAPER/Paperboard | 20 g | |
| | | PAPER/Paper | 280 g | |
| | | COMPOSITE/paper/carton+plastic | 3 g | |
| | Internal: | PLASTIC/Other | 1 g | |

Technical Specifications

| | | | | |
|--|------------------------|--|--|-------|
| | | | PLASTIC/Polyethylene high density - HDPE | 16 g |
| | | | PLASTIC/Polyethylene low density - LDPE | 9 g |
| | | | PLASTIC/Polystyrene Expanded - EPS | 594 g |
| | | | PLASTIC/Polyester - PET | 16 g |
| | RoHS Compliance | <p>HP, Inc. is committed to compliance with all applicable environmental laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).</p> | | |
| | Material Usage | <p>This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/gse.pdf):</p> <ul style="list-style-type: none"> • Asbestos • Certain Azo Colorants • Certain Brominated Flame Retardants – may not be used as flame retardants in plastics • Cadmium • Chlorinated Hydrocarbons • Chlorinated Paraffins • 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) | | |

Technical Specifications

| | | |
|--|---|--|
| | Packaging | <p>HP follows these guidelines to decrease the environmental impact of product packaging:</p> <ul style="list-style-type: none"> • 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 and Recycling | <p>Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To 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.</p> <p>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.</p> |
| | HP, Inc. Corporate Environmental Information | <p>For more information about HP's commitment to the environment:</p> <p>Global Citizenship Report http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html</p> <p>Eco-label certifications http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html</p> <p>ISO 14001 certificates: http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842 and http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf</p> |

Technical Specifications

Copyright © 2018 HP Development Company, L.P.

The information contained herein is subject to change without notice. The only warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft and Windows are registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries. ENERGY STAR is a registered trademark owned by the U.S. Environmental Protection Agency. USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

