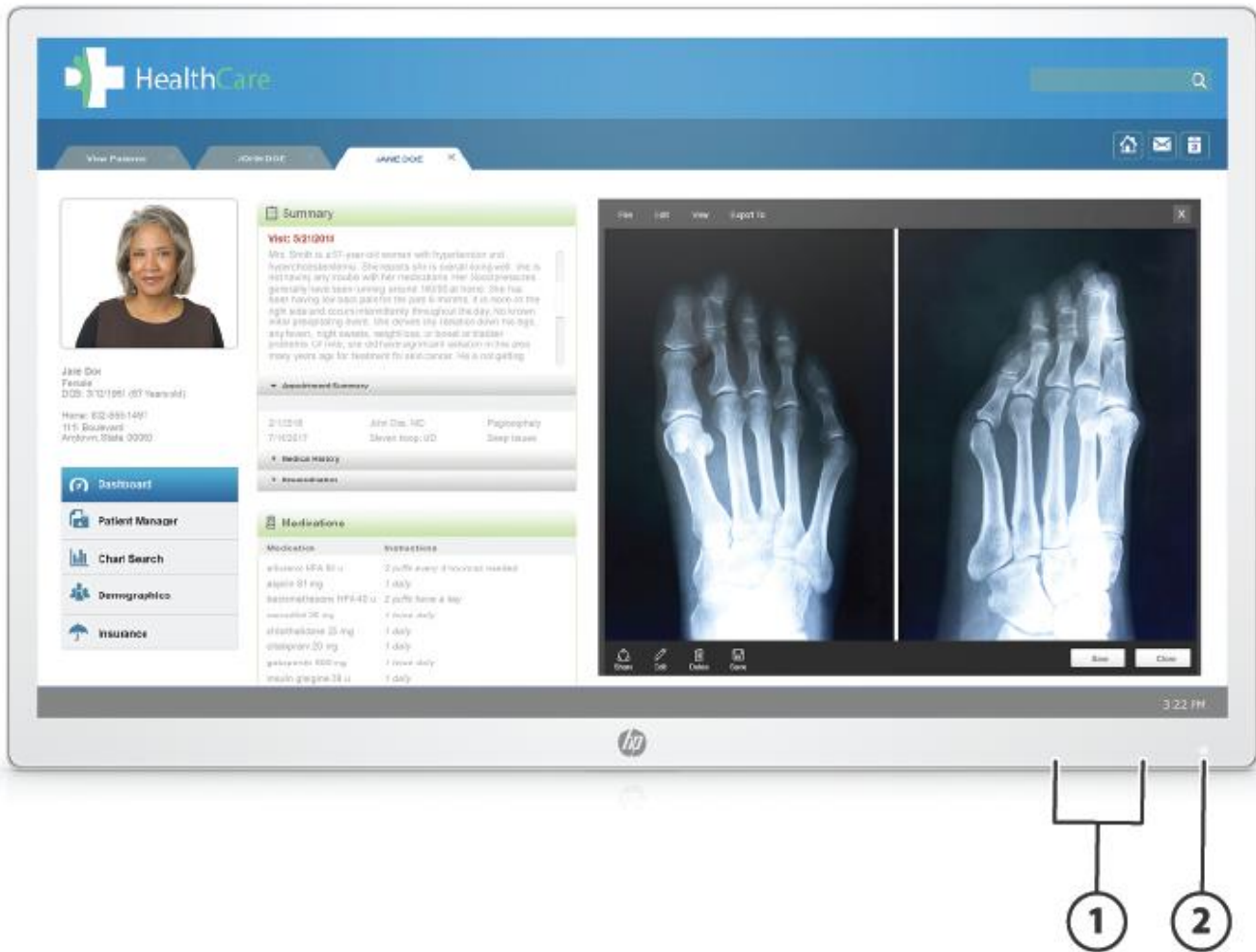


Technical Specifications

Healthcare Edition HC271 Clinical Review Monitor



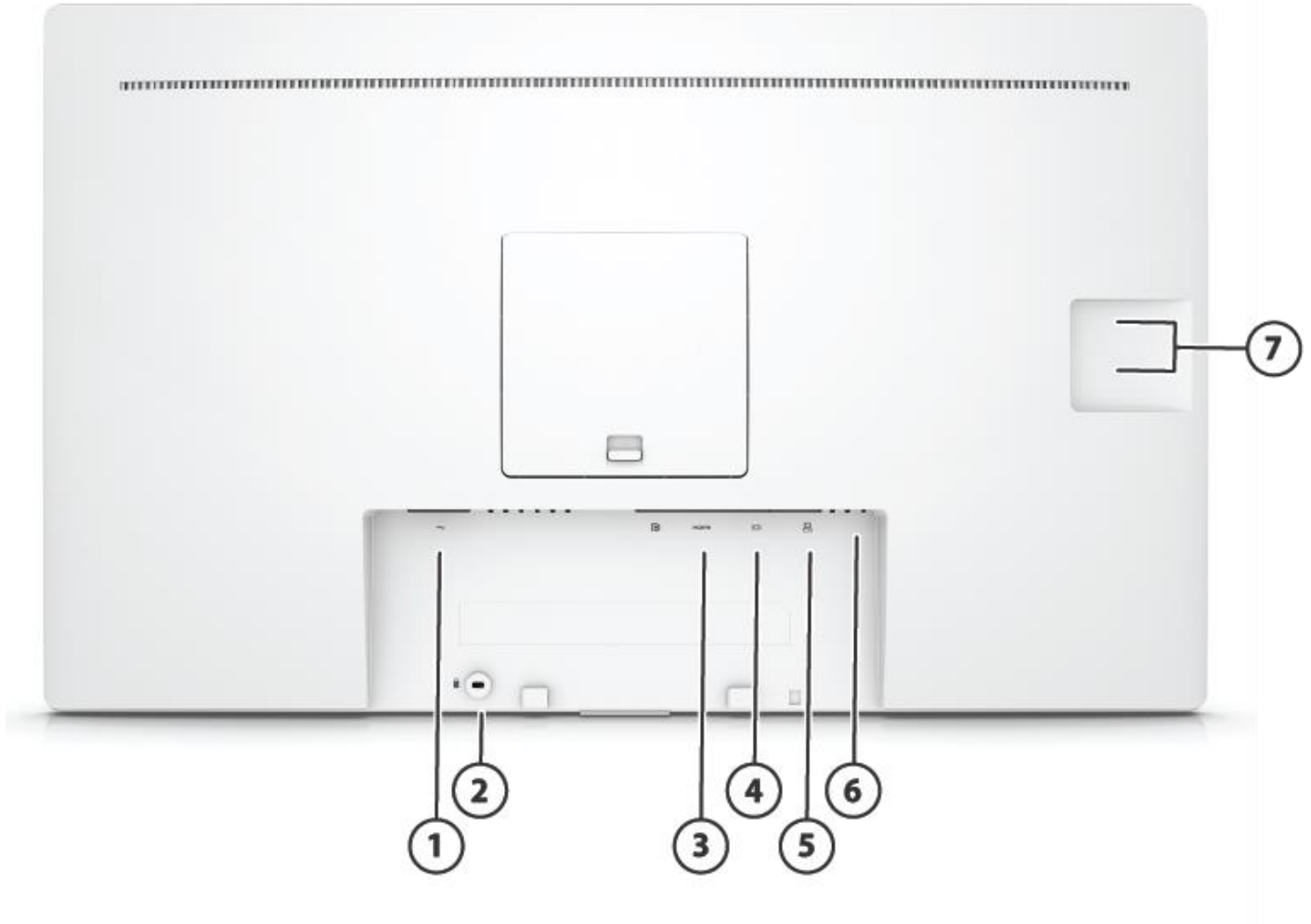
Front

1. OSD Menu button

2. Power button

Technical Specifications

Healthcare Edition HC271 Clinical Review Monitor



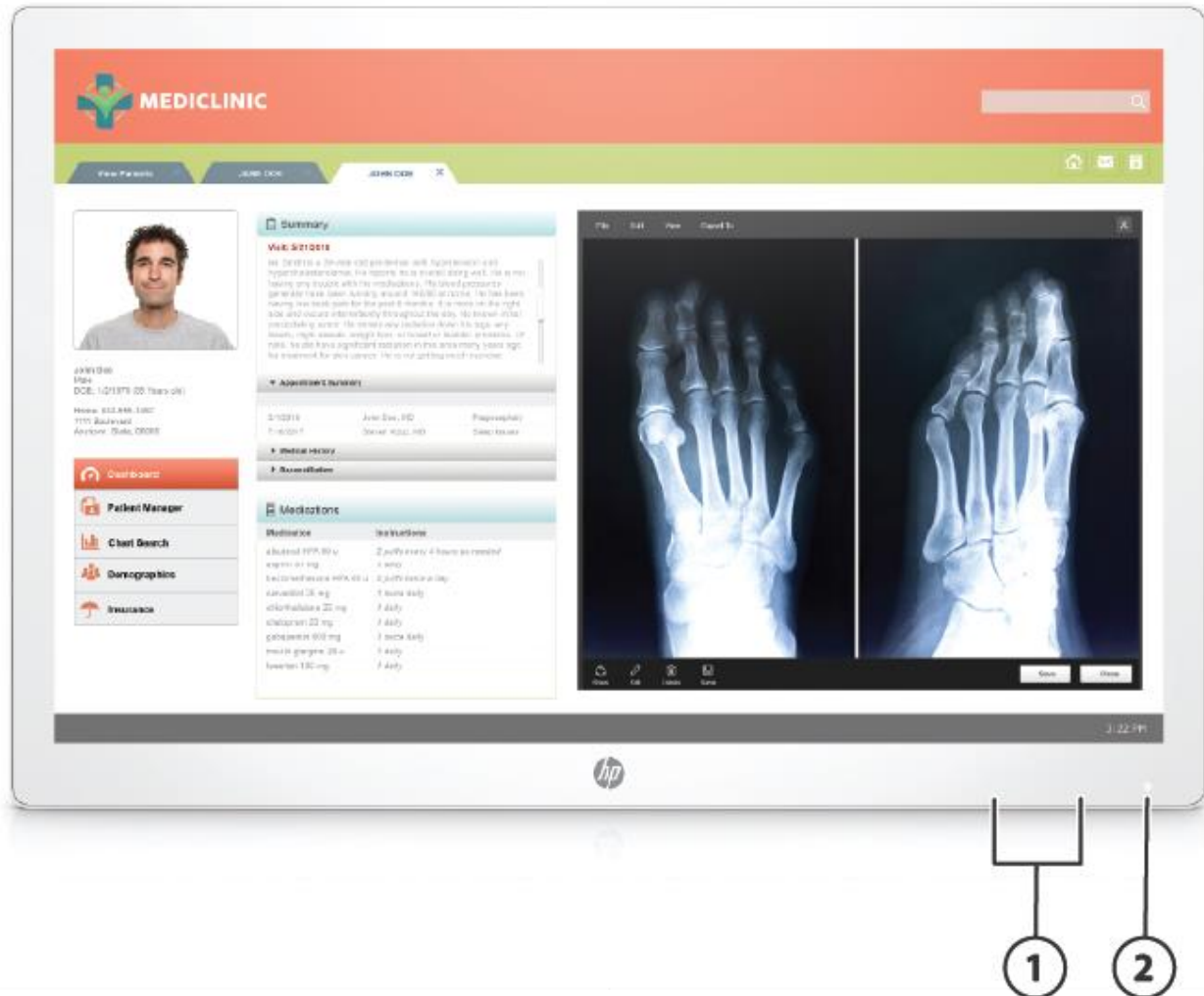
1. Power connector
2. HP cable lock
3. HDMI port
4. DisplayPort port

Back

5. VGA port
6. USB Type-B port (upstream)
7. USB Type-A ports (2) (downstream)

Technical Specifications

Healthcare Edition HC241 Clinical Review Monitor



1. OSD Menu button

Front

2. Power button

Technical Specifications

HEALTHCARE EDITION HC241 CLINICAL REVIEW MONITOR



1. Power connector
2. HP cable lock
3. HDMI port

BACK

4. DisplayPort port
5. VGA port
6. USB Type-A ports (2) (downstream)

Technical Specifications

Models:

3ME70A8/3ME70AA, 3ME68A8/3ME68AA

| | | |
|-----------------------------|--|--|
| Panel Specifications | Display Size (Diagonal) HC241 | 24 in |
| | Display Size (Diagonal) HC271 | 27 in |
| | Display Panel Type | AHVA |
| | Native Resolution/Timing HC241 | 1920 x 1200 @ 60 |
| | Native Resolution/Timing HC271 | 2560 x 1440 @ 60 |
| | Panel Bit Depth | 8-bit |
| | Aspect Ratio HC241 | 16:10 |
| | Aspect Ratio HC271 | 16 x 09 |
| | Brightness Typical HC241 | 270 |
| | Brightness Typical HC271 | 350 |
| | Static Contrast Ratio - Typical | 1000 |
| | Static Contrast Ratio - Minimum | 600 |
| | Flicker Free HC241 | Yes |
| | Flicker Free HC271 | N/A |
| | Pixel Pitch HC241 | 0.270 X 0.270 mm |
| | Pixel Pitch HC271 | 0.2331 x 0.2331 mm |
| | Pixels Per Inch (PPI) HC241 | 94.34 |
| | Pixels Per Inch (PPI) HC271 | 108.79 |
| | Backlight Lamp Life (to half brightness - in hours) | 30,000 hours |
| | Anti-Glare Panel | Anti-Glare Cover Glass |
| | Response Time - Typical HC241 | default 14 ms, fast 5ms |
| | Response Time - Typical HC271 | 12 ms |
| | Horizontal Viewing Angle (typical CR>10) | 178 |
| | Vertical Viewing Angle (typical CR>10) | 178 |
| | Panel Active Area (w x h) HC241 | 518.4x324.0 mm(20.41x12.76) |
| | Panel Active Area (w x h) HC271 | 596.74 x 335.66 mm (23.49 x 11.54 in) |
| | Preset Graphic Modes/Supported Resolutions HC241 | 640 x 480 720 x 400 800 x 600 1024 x 768 1280 x 720 1280 x 800 1280 x 1024 1440 x 900 1440 x 900 1600 x 900 1600 x 1200 1680 x 1050 1920 x 1080 1920 x 1200 |
| | Preset Graphic Modes/Supported Resolutions HC271 | 640 x 480 @ 60Hz 800 x 600 @ 60 Hz 720 x 480 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 768 @ 60Hz 1280 x 800 @ 60 Hz 1280 x 960 @ 60 Hz |

Technical Specifications

| | | |
|--------------------------------|---|---|
| | | 1280 x 1024 @ 60 Hz |
| | | 1366 x 768 @ 60 Hz |
| | | 1440 x 900 @ 60 Hz |
| | | 1600 x 900 @ 60 Hz |
| | | 1680 x 1050 @ 60 Hz |
| | | 1920 x 1080 @ 60 Hz |
| | | 1920 x 1200 @ 60 Hz |
| | | 2560 x 1440 @ 60 Hz |
| | Maximum Resolution HC241 | 1920 x 1200 @ 60 |
| | Maximum Resolution HC271 | 2560 x 1440 @ 60 |
| | Recommended Resolution HC241 | 1920 x 1200 @ 60 |
| | Recommended Resolution HC271 | 2560 x 1440 @ 60 |
| | Vertical Scan Range | 50 - 60 Hz |
| | Horizontal Scan Range HC241 | 30 - 80 KHz |
| | Horizontal Scan Range HC271 | 30 - 80 kHz (VGA) 30 - 90 kHz (DP, HDMI) |
| | Default Color Temperature | DICOM (0.0) |
| | Maximum Pixel Clock Speed HC241 | 170 Mhz |
| | Maximum Pixel Clock Speed HC271 | 170MHz (VGA) 250MHz (DP, HDMI) |
| | * Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. | |
| Color Management | Factory Color Presets | DICOM(0.0), DICOM (2.2), Neutral, Cool, warm, Custom RGB |
| | Color Space / Subsampling Support | RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2 |
| | Default Color Temperature | DICOM(0.0) |
| | RGB Channel Adjust | Yes |
| Monitor Specifications | Exterior Color of Monitor Bezel | White |
| | Plug & Play | Yes |
| | VESA Mounting | Yes, 100mm |
| | Security Lock Ready | Yes |
| | Detachable Base | Yes, Stand sold separately |
| | Warranty | 3/0/0 for NA 3/3/0 for TWN,ANZ,JPN,VIET,THAI,EMEA 3/3/3 for INDIA,PRC |
| On Screen Display (OSD) | On Screen Display User Controls | Brightness Contrast Color Control Input Control Image Control Power Control Menu Control Management Sanitization Information |
| | User Programmable Modes HC241 | Yes, 10 |
| | User Programmable Modes HC271 | Yes, 20 |
| | Monitor Control Buttons or Switches | Menu, Minus ("-"), Plus ("+"), OK, Power |
| | User-Assignable Function Buttons | Yes, 3 (7 options) |
| | Languages | 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese) |
| Connector Types | DisplayPort™ | 1, DP 1.2 |

Technical Specifications

| | | | |
|---|---|---|------------|
| | HDMI | 1, HDMI 1.4 | |
| | VGA | Yes | |
| | HDCP support | Yes, Displayport and HDMI | |
| USB Port Specifications | USB Version | 2.0 | |
| | USB Hub | Yes | |
| | Downstream Ports | 2 Ports | |
| | Upstream Ports | 1 Port | |
| Power & Operating Specs | Power Supply | Internal | |
| | Power Source | 100 – 240 VAC 50/60 Hz | |
| | Power Consumption - Maximum HC241 | 35 W | |
| | Power Consumption - Maximum HC271 | 55 W | |
| | Energy Saving/Standby Mode HC241 | 0.3 W | |
| | Energy Saving/Standby Mode HC271 | 0.5 W | |
| | Power Consumption - Typical HC241 | 25 W | |
| | Power Consumption - Typical HC271 | 45 W | |
| | Power cable length | 1.9 m | |
| | EU Energy Efficiency Class (EC1062) | On-mode Power Consumption (EC 1062/2010) HC241 | 22W |
| On-mode Power Consumption (EC 1062/2010) HC271 | | 31.1W | |
| Annual Power Consumption (EC 1062/2010) HC241 | | 33 kWh | |
| Annual Power Consumption (EC 1062/2010) HC271 | | 45.3 kWh | |
| Energy Efficiency Class (EC 1062/2010) HC241 | | A | |
| Energy Efficiency Class (EC 1062/2010) HC271 | | B | |
| Visible Screen Size HC241 | | 24" / 61.13 cm | |
| Visible Screen Size HC271 | | 27"/68.47cm | |
| Operating Conditions | | Operating Temperature - Celsius | 5 – 35 C |
| | | Operating Temperature - Fahrenheit | 41o – 95oF |
| | Non-operating Temperature - Celsius | –20° – 60°C | |
| | Non-operating Temperature - Fahrenheit | 29° – 140°F | |
| | Operating Humidity | 20 – 80% Relative Humidity (non-condensing) | |
| | Non-operating Humidity | 5 – 95% | |
| | Operating Altitude HC241 | 0 – 5,000 m (16,400 ft.) | |
| | Operating Altitude HC271 | 0 – 2,000 m (6,562 ft.) | |
| | Non-operating Altitude | 0 – 12.192 m (40,000 ft.) | |
| Environmental Features and Certifications | Mercury-free LED display backlights | Yes, Mercury-free LED backlighting | |
| | Arsenic-Free Display Glass | Yes | |
| | Low Halogen** | Yes | |
| | | GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC) NOTE: Power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. | |

Technical Specifications

| | |
|--|--|
| Agency Approvals and Certifications HC241 | CB, UL, CCC, FCC, WEEE, IEC 60601-1-2, EN 60601-1-2, IP32 (front), IEC 60950, IEC 62368, DICOM Part 14 |
| Agency Approvals and Certifications HC271 | CB, CSA, CCC FCC, WEEE, IEC 60601-1-2, EN 60601-1-2, IP32 (Front), IEC 60950, DICOM Part 14 |
| Microsoft WHQL Certification | Win 10 |
| China Energy Label | CEL Grade 3 |
| SmartWay Transport Partnership - NA only | Yes |

*EPEAT® Silver registered in the U.S. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

**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 HC271 | Yes |
| | Recyclable Plastics HC271 | Yes |
| | Recyclable Packaging (Box, packing materials) HC271 | Yes, corrugated carton only. The EPS cushions are not recycled |

| Unit Product/Package Specifications | | Metric | Imperial |
|--|---|--|---|
| | | | |
| | Product Dimensions HC241 (Packed) (W x D x H) | 65 x 14.2 x 44.6 cm | 25.29 x 5.59 x 17.56 in |
| | Product Dimensions HC271 (Packed) (W x D x H) | 75.1 x 19.0 x 50.6 cm | 29.6 x 7.5 x 19.9 inches |
| | Product Dimensions HC241 (Unpacked with optional stand) | 56.36 x 19.70 x 55.16 cm | 22.19 x 7.76 x 21.72 in |
| | Product Dimensions HC271 (Unpacked with optional stand) | 64.4 x 19.7 x 39.3 cm | 25.4 x 7.26 x 15.5 in |
| | Display Head Dimensions HC241 (Unpacked) (W x D x H) | 56.36 x 5.24 x 37.88 cm | 22.19 x 2.06 x 14.91 in |
| | Display Head Dimensions HC271 (Unpacked) (W x D x H) | 64.4 x 5.1 x 39.3 cm | 25.4 x 2.0 x 15.5 in |
| | Base Area Footprint (with optional stand) (w x d mm) | 210.0 x 197.0 mm | 8.27 x 7.76 in |
| | Bezel Measurements HC241 | Top 20.0 mm Side 20.0 mm Bottom 20.0 mm | Top 0.79 in Side 0.79 in Bottom 0.79 in |
| | Bezel Measurements HC271 | Top 22.48 mm Side 22.48 mm Bottom 32.82 mm | Top 0.88 in Side 0.88 in Bottom 1.29 mm |
| | Product Weight HC241 (Unpacked with optional stand) | 6.87 kg | 15.15 lb |
| | Product Weight HC271 (Unpacked with optional stand) | 7.16 kg | 15.8 lbs |
| | Product Weight HC241 (Packed) | 6.2 kg | 13.66 lbs |
| | Product Weight HC271 (Packed) | 6.8 Kg | 15.0 lbs |
| | Product Weight HC241 (Head Only) | | 10.45 lb |
| | Product Weight HC271 (Head Only) | | 11.0 lbs |
| | Pallet Dimensions HC241 (L x W x H) | 1320 x 1150 x 120mm | 51.97 x 45.28 x 4.72 in |
| | Pallet Dimensions HC271 (L x W x H) | 1140(L) x 751(W) x 2144(H) mm-STD | 44.9(L) x 29.6(W) x 84.4 (H) inch-STD |

Technical Specifications

| | | |
|--|--------------------------------------|---|
| | 1140(L) x 751(W) x 2144 (H) mm-HC | 44.9(L) x 29.6(W) x 84.4 (H) inch-HC |
| Pallet Total Weight HC241 (L x W x H) | 418.3 kg | 921.37 lbs |
| Pallet Total Weight HC271 (L x W x H) | 177.7kg | 391.8 lbs |
| Pallet Layers | 4 | |
| Pallet Product per Layer HC241 | 16 | |
| Pallet Product per Layer HC271 | 6 | |
| Total Products per Pallet HC241 | 64 | |
| Total Products per Pallet HC271 | 24 with 40' std slip & 40' HC slip | |
| Container Load, 20-Foot HC241 | 512 units | |
| Container Load, 20-Foot HC271 | 360 units | |
| Container Load, 40-Foot HC241 | 1152 units | |
| Container Load, 40-Foot HC271 | 744 units | |
| Container Load, 40-Foot HighQ HC241 | 1440 units | |
| Container Load, 40-Foot HighQ HC271 | 744 units | |

Software Included **Software included (please list)** HP Display Assistant

| | | |
|--|--|---|
| Options (Sold separately) | HP HC241 Stand Kit Part number 4BX37AA | Deploy your HP Healthcare Edition HC241/HC241p or HC271/H271p Clinical Review displays in a range of settings with the white HP HC241 Stand kit or HP HC271 Stand kit that's sanitizable with germicidal wipes to promote patient safety. Find your most comfortable view with adjustable height, tilt, swivel, and pivot capability. |
| | HP HC271 Stand Kit Part number 4BX34AA | |
| | Color | White |
| | Tilt | -5° to +25° |
| | Height Adjustment | 150 mm Range |
| | Swivel | ± 45° |
| | Pivot | 90° |
| | Product Dimensions (W x D x H) | 8.27in x 7.75in x 17.12 in (210mm x 197mm x 435mm) |
| | Product Dimensions Packed (W x D x H) | 11.6in x 10.47in x 25.4 in (295mm x 266mm x 490mm) |
| | Base Area Footprint | 210mm x 197mm |
| | Product Weight | 4.76 LBS (2.16KG) |
| | Product Weight Packed | 6.86 LBS (3.11KG) |
| | HP Single Monitor Arm Part number BT861AA | The flexible design of the HP Single Monitor Arm provides a seemingly endless range of display adjustments with an amazing 13 inches of lift, 75 degrees of tilt, and 360 degrees of pan and rotation – all at your fingertips - helping you stay comfortable and productive throughout the day. |
| | HP PC Mounting Bracket for Monitors Part number N6N00AA | Customize an altogether better solution with the HP PC Mounting Bracket for Monitors, which lets you attach your HP Desktop Mini, HP Elitedesk Slice, HP Z2 Workstation, Chromebox, or select HP Thin Client directly behind the Healthcare Edition displays with the optional stand (sold separately). |
| HP LCD Speaker Bar Part number NQ576AA | Powered directly by the connected PC, the Speaker Bar seamlessly attaches to the monitor's lower bezel to bring full audio support to select HP flat panel monitors. Features include dual speakers with full sound range and dual external headphone jacks. Sold separately. For more information, refer to the product's QuickSpecs. | |
| HP Business PC Security Lock v2 Kit | Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the HP Business PC Security Lock v2 | |

Technical Specifications

Part number N3R93AA Kit.

What's in the box?
AC power cord (1.9m) 6.2 ft
VGA cable (1.8m) 5.9 ft
DP cable (1.8m) 5.9 ft
HDMI cable (1.8m) 5.9 ft
USB cable (1.8m) 5.9 ft

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

Technical Specifications

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Summary

| | |
|-----------------------------------|---------------------|
| Change Log | |
| | |
| V1 to V2 October 17, 2018 | Stand specs |
| V2 to V3 December 19, 2018 | Stand section, tilt |
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