


# Lenovo ThinkVision Pro2840m Specifications

Product Specifications Reference (PSREF)

<p>Name Case color Type-model Panel Viewable image size Max view area (W x H) Optimum resolution Max pixel rate Frequency Aspect ratio Pixel pitch (mm) Dot/Pixel per Inch Brightness Contrast ratio Pixel response time Color gamut Viewing angle at 10:1 CR Stand Bezel width Dimensions (HxWxD, excluding stand) Dimensions (HxWxD, including stand) Power supply</p> <p>Weight Limited warranty<sup>4</sup> Available date</p>	<p><b>Pro2840m Wide Flat Panel Monitor</b> <b>Black</b> <b>60B4RAR6US</b> TFT-LCD, twisted nematic (TN), White LED backlight <b>28" (711mm)</b> diagonal 24.44" x 13.44" (620.9mm x 341.3mm) <b>3840x2160</b> 300MHz (HDMI); 594MHz(DP); 149MHz (MHL) Supports 3840 x 2160 @ 60Hz 16:9 0.16 x 0.16mm 157 dpi 270 nits or cd/m<sup>2</sup> (typical) 1000:1 (typical) 5ms 72% 170° horizontal, 160° vertical Tilt, swivel, and height adjustable stand <i>Sides:</i> 0.86" (21.85mm) 17.45" H x 26.21" W x 2.30" D; 443.3mm H x 665.9mm W x 58.2mm D 17.45" H x 26.21" W x 11.40" D; 443.3mm H x 665.9mm W x 289.9mm D 60 watts typical, 90 watts typical (with USB), 65 watts maximum, 95 watts maximum (with USB), &lt;1.2 watts sleep/off; &lt;0.5 watts switch off integrated (no external brick-like power supply) 22.47 lb; 10.19kg (including stand)</p> <p><b>3 year</b> (includes backlight) May 2014</p>	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• 28-inch 4K*2K LED backlight monitor with speaker</li> <li>• Supports 3840x2160 resolution</li> <li>• 5-Ports USB hub, support USB 3.0 and USB 2.0</li> <li>• 3watts x 2 stereo speakers</li> <li>• Arsenic/Mercury free</li> <li>• Microsoft® Windows® 7</li> <li>• Windows 8/ Windows 8.1 certified</li> </ul>					
<p>VESA-compliant<sup>2</sup> Power management Ergonomics Emission standards Environmental</p> <p>Preset resolutions</p> <p>Presets / user settings</p>	<p>VESA DDC2B/CI ENERGY STAR® 6.0 ISO 9241-307 FCC Class B TCO Displays 6.0, TCO Certified Edge 1.2, RoHS, <b>EPEAT™ Gold rating, ULE Gold</b></p> <p>VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1280x720, 1280x800, 1360x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080, 1920x1200 WQXGA: 2560x1600, 2560x1440, other: 3840x2160, 2160x1920</p> <p>Standard presets: 20; user settings: 20</p>	 <p><b>ThinkVision Pro2840m Monitor</b></p>					
<p>Viewing adjustments Rotating screen On screen display Control features USB hub Multimedia Camera Multiple input Monitor connectors</p> <p>Signal cables</p> <p>Mounting features Security</p>	<p><i>Tilt:</i> 25° back, -5° forward; <i>lift:</i> 4.3" (110mm); <i>swivel:</i> +/-45° <b>Screen pivots 90 degrees from landscape to portrait</b> On screen display with digital user controls (8 languages) Direct access (touch buttons on front) for automatic image setup, input switch, and brightness USB Hub: 3 USB 3.0, 2 USB 2.0 Integrated stereo speakers (3 watts x 2) None Support HDMI, DisplayPort, mini DisplayPort, MHL connections (Mobile High-definition Link) (1) HDMI (1.4), digital, <b>HDCP-compliant</b> (2) DisplayPort (1.2), digital, <b>HDCP-compliant</b> (3) mini DisplayPort (1.2), digital, <b>HDCP-compliant</b> (1) detachable, HDMI at each end, digital, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</p>						
<p>Ship group</p>	<p>Monitor, detachable stand, Quick start and safety poster, 1.8 meter DisplayPort cable, 1.8 meter HDMI cable, 1.8 meter USB 3.0 cable, 1.8 meter USB 2.0 cable, 1.8 meter black power cord</p>						
<p><b>Limited Warranty</b></p> <p>See details at <a href="http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281">http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281</a></p>	<p><b>Accessories</b></p> <table border="0"> <tr> <td>Kensington MicroSaver Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> <tr> <td>Lenovo Security Cable Lock</td> <td>57Y4303</td> </tr> </table> <p>See details at <a href="http://www.lenovo.com/support/monitoraccessories">www.lenovo.com/support/monitoraccessories</a></p> <p>See all monitors at <a href="http://www.lenovo.com/thinkvision">www.lenovo.com/thinkvision</a></p>	Kensington MicroSaver Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Security Cable Lock	57Y4303
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See footnotes for important warranty information

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(Pro2840m) June 2014

<b>Model</b>	<b>60B4RAR6US</b>
Product	ThinkVision Pro2840m
Region	US
Color	Black
Panel	Twisted Nematic
Display Size	28"
View Area	620.9x341.3 mm
Resolution	3840x2160
Aspect Ratio	16:9
Pixel Pitch	0.16x0.16 mm
Dot / Pixel Per Inch	157 dpi
Brightness	270 nits
Contrast Ratio	1000:1
Pixel Response Time	5 ms
Color Gamut	72%
View Angle (H / V)	170 / 160
Stand	Tilt, Swivel, Height Adjust Stand
Side Bezel Width	21.85 mm
Dimensions with Stand (HxWxD)	443.3x665.9x289.9 mm
Power Consumption (Typical / Maximum)	60W / 65W
Power Adapter	Integrated
Weight (Including Stand)	22.47lb / 10.19kg
Warranty	3-year
ENERGY STAR	ENERGY STAR 6.0
TCO	TCO 6.0
EPEAT	Gold
Presets / User Settings	20 / 20
On Screen Display	OSD, 8 Languages
USB Port	USB 3.0x3 + USB 2.0x2
Speaker	Stereo 3Wx2
Camera	None
Multiple Input	HDMI, DP, mDP, MHL
Monitor Cable	HDMI, DP
CPU / Platform	None / None
Display Ram / Storage / Card Slot	None / None / None
Wireless / Ethernet / Bluetooth	None / None / None
Touch Screen / Digitizer Pen / Battery	None / None / None
Operating System	Support Windows 7, Windows 8, Windows 8.1
Ann Date (mm/yy)	05/14

