

Name	Pro2820 Wide Flat Panel Monitor	Features
Case color	Black	
Type-model	60FCRAR6US / 60FCRAT6US / 60FCRAT6EU	 ThinkVision Pro2820 Monitor
Panel	TFT-LCD, with wide viewing angle (WVA) technology, White LED backlight	
Viewable image size	28" (711mm) diagonal	
Max view area (W x H)	24.44" x 13.44" (620.9mm x 341.3mm)	
Optimum resolution	1920x1080	
Max pixel rate	205MHz (VGA); 165MHz(DP/ HDMI); 149MHz (MHL)	
Frequency	Supports 1920 x 10800 @ 60Hz	
Aspect ratio	16:9	
Pixel pitch (mm)	0.32 x 0.32mm	
Dot/Pixel per Inch	79 dpi	
Brightness	300 nits or cd/m² (typical)	
Contrast ratio	3000:1 (typical)	
Pixel response time	6.5ms	
Color gamut	72%	
Viewing angle at 10:1 CR	178° horizontal, 178° vertical	
Stand	Tilt, swivel, and height adjustable stand	
Bezel width	Sides: 0.86" (21.85mm)	
Dimensions	17.45" H x 26.21" W x 2.30" D;	
(HxWxD, excluding stand)	443.3mm H x 665.9mm W x 58.2mm D	
Dimensions	17.45" H x 26.21" W x 11.41" D;	
(HxWxD, including stand)	443.3mm H x 665.9mm W x 289.9mm D	
Power supply	60 watts typical, 90 watts typical (with USB), 65 watts maximum, 95 watts maximum (with USB), <1.2 watts sleep/off; <0.5 watts switch off integrated (no external brick-like power supply)	
Weight	17.84 lb; 8.11kg (including stand)	
Limited warranty ⁴	3 year (includes backlight)	
Available date	September 2014	
VESA-compliant ²	VESA DDC2B/CI	
Power management	ENERGY STAR® 6.0	
Ergonomics	ISO 9241-307	
Emission standards	FCC Class B	
Environmental	TCO Displays 6.0, TCO Certified Edge 1.2, RoHS, EPEAT™ Gold rating, ULE Gold	
Preset resolutions	VGA: 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1024x760 SXGA: 1280x1024 WXGA: 1280x720, 1280x800, 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080 Others: 1152x864	
Presets / user settings	Standard presets: 17; user settings: 17	
Viewing adjustments	Tilt: 25° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°	
Rotating screen	Screen pivots 90 degrees from landscape to portrait	
On screen display	On screen display with digital user controls (8 languages)	
Control features	Direct access (touch buttons on front) for automatic image setup, input switch, and brightness	
USB hub	USB Hub: one USB 3.0 upstream port, four USB 3.0 downstream ports	
Multimedia	None	
Camera	None	
Multiple input	Support VGA, HDMI, DisplayPort, MHL connections (Mobile High-definition Link)	
Monitor connectors	(1) VGA 15-pin D-shell, analog (2) HDMI (1.4), digital, HDCP-compliant (3) DisplayPort (1.2), digital, HDCP-compliant	
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter	
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount)	
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)	
Ship group	Monitor, detachable stand, Quick start and safety poster, 1.8 meter DisplayPort cable, 1.8 meter VGA cable, 1.8 meter USB 3.0 cable, 1.8 meter black power cord	
Limited Warranty		Accessories
See details at http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281		Kensington MicroSaver Cable Lock 73P2582
		Kensington Twin Head Cable Lock 45K1620
		Lenovo Security Cable Lock 57Y4303
		See details at www.lenovo.com/support/monitoraccessories
		See all monitors at www.lenovo.com/thinkvision

Model	60FCRAT6EU
Product	ThinkVision Pro2820
Region	EMEA
Color	Black
Panel	Twisted Nematic
Display Size	28"
View Area	620.9x341.3 mm
Resolution	1920x1080
Aspect Ratio	16:9
Pixel Pitch	0.32x0.32 mm
Dot / Pixel Per Inch	79 dpi
Brightness	300 nits
Contrast Ratio	3000:1
Pixel Response Time	6.5 ms
Color Gamut	72%
View Angle (H / V)	178 / 178
Stand	Tilt, Swivel, Height Adjust Stand
Side Bezel Width	21.85 mm
Dimensions with Stand (HxWxD)	443.3x665.9x289.9 mm
Power Comsupton (Typical / Maximum)	60W / 65W
Power Adapter	Integrated
Weight (Including Stand)	17.84lb / 8.11kg
Warranty	3-year
ENERGY STAR	ENERGY STAR 6.0
TCO	TCO 6.0
EPEAT	Gold
Presets / User Settings	17 / 17
On Screen Display	OSD, 8 Languages
USB Port	USB 3.0x5
Speaker	None
Camera	None
Multiple Input	VGA, HDMI, DP
Monitor Cable	VGA, 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)	09/14



