Lenovo ThinkVision Pro2820 Wide

Product Specifications Reference (PSREF)

Name	**Pro2820 Wide Flat Panel Monitor**
Case color	**Black**
Type-model	**60FCRAR6US / 60FCRAT6EU**
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/m^2 (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 (HxWxD, excluding stand)	17.45" H x 26.21" W x 2.30" D; 443.3mm H x 665.9mm W x 58.2mm D
Dimensions (HxWxD, including stand)	17.45" H x 26.21" W x 11.41" D; 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

Features

- 28-inch MVA (Multi-domain Vertical Alignment) panel LED backlit monitor
- Supports 1920x1080 resolution
- 5-Ports USB hub, support USB 3.0
- Arsenic/Mercury free
- Microsoft® Windows® 7
- Windows 8/ Windows 8.1 certified



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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 FPMPMI® (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

See details at **http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281**

Accessories

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**