Lenovo ThinkVision 28 Specifications

Product Specifications Reference (PSREF)

Name	**ThinkVision 28 Wide Flat Panel Monitor**
Case color	**Black with Silver bezel**
Type-model	**60B6GAR1US**
Panel	TFT-LCD, twisted nematic (TN), 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	**3840x2160**
Max pixel rate	297MHz (HDMI); 594MHz(DP)
Touch	Supports 10-point touch
Aspect ratio	16:9
Pixel pitch (mm)	0.16 x 0.16mm
Dot/Pixel per Inch	157 dpi
Brightness	300 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Pixel response time	5ms
Color gamut	72%
Viewing angle at 10:1 CR	170° horizontal, 160° vertical
Stand	Multi-mode stand (standard, inclined, and flat)
Bezel width	*Top:* 1.20" (30.5mm) *Bottom:* 1.98" (50.3mm) *Sides:* 1.16" (29.5mm)
Dimensions (HxWxD, excluding stand)	16.7" H x 26.85" W x 1.48" D; 424.1mm H x 681.9mm W x 37.6mm D
Dimensions (HxWxD, including stand)	19.8" H x 26.85" W x 10.22" D; 502.8mm H x 681.9mm W x 259.5mm D
Power supply	55 watts typical, 90 watts maximum, <10 watts sleep/off; <0.5 watts switch off 90W external brick-like power supply
Weight	24.2 lb; 11.0kg (including stand)
Limited warranty[4]	**1 year** (includes backlight)
Announce date	September 2014

Smart Mode	
Platform	nVidia Tegra K1 System-on chip
Preload	Android 4.4 Operating system
Display RAM	2GB DDR3L memery
Storage	32GB eMMC storage
Card slot	One MicroSD Card slot
Wireless	802.11abgn, Bluetooth 4.0
Ethernet	Gigabit Ethernet

Power management	ENERGY STAR® 6.0
Environmental	TCO Displays 6.0, RoHS, **EPEAT™ Gold rating**

Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XVGA: 1024x768, 1152x864 SXVGA: 1280x1024, 1280x720, 1280x800, 1280x768 XGA+: 1440x900 UXGA: 1600x900, 1680x1050 WQXGA: 1920x1080, 1920x1200, 2560x1600, QFHD: 3840x2160
Presets / user settings	Standard presets: 19; user settings: 20

Features

- 28-inch 4K*2K Tegra K1 entertainment center
- Supports 3840x2160 resolution
- 6-Ports USB hub, support USB 3.0 and USB 2.0
- 5watts x 2 stereo speakers
- Arsenic/Mercury free
- 10-point touch screen
- Windows 7 support
- Preload android 4.4, 2GB DDR3L memery, 32GB storage
- Support Gigabit Ethernet, 802.11abgn, Bluetooth 4.0



ThinkVision 28 Monitor

Viewing adjustments	*Tilt:* 90° back, -5° forward; *lift:* 3.07" (78mm);
Rotating screen	None
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: 2 USB 3.0 (one is always on), 2 USB 2.0, 1 micro USB 3.0 upstream, 1 micro USB 2.0 upstream
Multimedia	Integrated stereo speakers (5 watts x 2), Noise Cancelling array microphone x 2
Audio Jack	Audio Out Jack x 1 for speakers, Audio In/Out Jack x 1 for headsets
Camera	FHD camera with 2.1 MP resolution
Multiple input	Support HDMI, DisplayPort
Monitor connectors	(1) HDMI (1.4) x 3, digital, **HDCP-compliant** (2) DisplayPort (1.2) x 1, digital, **HDCP-compliant**
Signal cables	(1) detachable, HDMI at each end, digital, 1.8 meter
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 HDMI cable, 1.8 meter USB 3.0 cable, 1.8 meter external power adapter

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**

See footnotes for important warranty information

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