Lenovo ThinkVision LT2223z Specifications

Product Specifications Reference (PSREF)

Name	**ThinkVision LT2223z** **21.5-inch FHD LED Backlit LCD VoIP Monitor**
Case color	**Business black**
Type-model	**60A2MAR2US**
Panel	TFT-LCD, twisted nematic (TN), White LED backlight
Viewable image size	**21.5"** (**546mm**) diagonal
Max view area (W x H)	18.74" x 10.54" / 476.1mm x 267.8mm
Optimum resolution	**1920x1080**
Aspect ratio	16:9
Pixel pitch (mm)	0.248mm
Dot/Pixel per Inch	103 dpi
Brightness	250 nits or cd/m^2 (typical)
Contrast ratio	1000:1 (typical)
Dynamic Contrast ratio	2000000:1
Pixel response time	5ms (typical)
Color gamut	72%
Viewing angle at 10:1 CR	170° (+/- 85°) horizontal, 160° (+/- 80°) vertical
Stand	Tilt, swivel, pivot, and height adjustable stand (tooless detachable)
Bezel width	*Sides:* 0.68" (17.3mm); *top:* 1.33" (33.8mm); *bottom:* 1.88" (47.8mm)
Dimensions (HxWxD, excluding stand)	13.82" H x 20.18" W x 2.12" D; 351.1mm H x 512.6mm W x 56.4mm D
Dimensions (HxWxD, including stand)	14.94" H x 20.18" W x 8.60" D; 379.4mm H x 512.6mm W x 218.4mm D
Power supply	24 watts typical, 28 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
Weight (including stand)	11.98 lb; 5.43kg
Weight (Head only)	7.79 lb; 3.53kg
Limited warranty[4]	**3 year** (includes backlight)
Available date	April 2013
VESA-compliant[2]	VESA DDC2B/CI, VESA DPMS-compliant
Power management	ENERGY STAR® 6.0
Ergonomics	ISO 9241-307
Emission standards	MPR-2, FCC Class B
Environmental	TCO Displays 6.0, TCO Certified Edge 1.1, RoHS, **EPEAT™ Gold rating**
Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900 WSXGA+: 1600x900, 1600x1050 Full HD: 1920x1080
Presets / user settings	Presets: 25; user settings: 20
Viewing adjustments	*Tilt:* 30° back, -5° forward; *lift:* 4.3" (110mm); *swivel:* +/-45°; detachable stand
Rotating screen	**Screen pivots 90 degrees from landscape to portrait** (requires image rotation support from graphics controller, do not support image rotation under dual image modes)
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for MIC mute, speaker mute and hook switch buttons
USB hub	USB 3.0 Hub: 1 port into PC (USB 3.0); 2 ports for accessories (2 USB 3.0)
Multimedia	Integrated digital speakers (3 watts x 2)
Camera	Integrated camera (FHD) and digital dual microphone array, with Camera lock button for security
Multiple input	Triple input (three different PCs attach to three different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) DisplayPort (1.2), digital, black, **HDCP-compliant** (3) HDMI (1.4), digital, **HDCP-compliant**
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 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, tooless detachable stand, Quick start and safety poster, analog signal cable, 1.8 meter USB 3.0 cable, 1.8 meter black power cord

Features

- Widescreen 21.5-inch monitor
- 1080p full HD support
- Integrated camera (FHD), speakers & dual digital microphone
- Integrated USB 3.0 Hub (2 USB 3.0)
- Supports VGA, DisplayPort 1.2 and HDMI 1.4 interfaces (HDCP-compliant)
- Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Compliance with ENERGY STAR 6.0
- Support Lenovo Tiny PC and 3rd party thin client via optional Lenovo bracket
- Arsenic/Lead/Mercury free
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 certified



ThinkVision LT2223z Wide Monitor

Limited Warranty

- **3 year limited warranty**[4]
- **International Warranty Service**[5]
- **Replacement normally arrives in two business days, excluding holidays**
- **Lenovo pays all shipping costs for valid warranty claims**[6]
- **Service upgrade options:**[7]
  - **3 year, on site exchange, Mon-Fri 9-5 with next day response** (Lenovo Services part number 41C9209)
  - **4 year, on site exchange, Mon-Fri 9-5 with next day response** (41C9233)
  - **4 year, mail exchange** (51J0589)
  - **5 year, mail exchange** (51J0590)
- **24x7**[8] **day toll-free support for warranty issues during the warranty period**[4]

Accessories

Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303
Lenovo Easy Reach Monitor Stand	55Y9258
ThinkCentre Extend Arm	57Y4352

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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