




*Product Specifications Reference
Lenovo and ThinkVision Monitors
2013 to present - withdrawn*



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Name	D186 Wide Flat Panel Monitor	Features <ul style="list-style-type: none">• Widescreen 18.5-inch monitor• High Definition (HD) ready; 1366x768 resolution• Detachable stand tilts for comfortable viewing• Supports VESA mount (100mm)• 50% less mercury• Kensington® lock slot ready for enhanced security
Case color	Business black	
Type-model	2580-AB1	
Panel	TFT-LCD, twisted nematic (TN), CCFL backlight	
Viewable image size	18.5" (470mm) diagonal	
Max view area (W x H)	16.1" x 9.1" / 409.8mm x 230.4mm	
Optimum resolution	1366x768 at 60Hz	
Maximum resolution	1366x768 at 60Hz (135MHz max pixel rate)	
Aspect ratio	16:9	
Pixel pitch (mm)	.300mm	
Dot/Pixel per Inch	85 dpi	
Brightness	200 nits or cd/m² (typical)	
Contrast ratio	600:1 (typical)	
Pixel response time	5ms (typical)	
Color gamut	67%	
Anti-reflective	Anti-reflective, anti-glare	
Viewing angle at 10:1 CR	90° (+/- 45°) horizontal, 50° (+/- 25°) vertical	
Stand	Tilt adjustable stand	
Bezel width	<i>Sides:</i> 0.61" (15.6mm); <i>top:</i> 0.67" (17.1mm); <i>bottom:</i> 1.19" (30.1mm)	
Dimensions (HxWxD)	14.6" H x 17.4" W x 8.3" D; 370mm H x 442mm W x 210mm D	
Power supply	16 watts typical, 24 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply)	
Weight	7.28 lb; 3.3kg	
Limited warranty ⁴	3 years (includes backlight)	
Available date	January 2010	
VESA-compliant ²	VESA DDC2B/CI, VESA DPMS-compliant	
Power management	None	
Ergonomics	ISO 9241-307	
Pixel defect	ISO 9241-307 pixel defect standard	
Emission standards	FCC Class B	
Environmental	WEEE, RoHS (EU Directive 2002/95/EC),	
Preset resolutions	VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 WXGA: 1280x720, 1280x768 1360x768, 1366x768	
Presets	Standard presets: 20; user settings: 16	
Viewing adjustments	<i>Tilt:</i> 20° back, -5° forward; no lift; no swivel; detachable stand	
Rotating screen	None	
On screen display	On screen display with digital user controls (8 languages)	
Control features	Direct access (control buttons on front) for automatic image setup and adjustment for brightness	
USB hub	None	
Multiple input	None	
Monitor connectors	VGA 15-pin D-shell, analog, blue	
Signal cables	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 FPMPI® (100mm mount)	
Security	Security keyhole for attachment of optional cable lock (Kensington lock-compatible)	
Ship group	Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter black power cord	
Limited Warranty		Accessories
⇒ 3 year limited warranty⁴		Kensington MicroSaver Cable Lock 73P2582
⇒ International Warranty Service⁵		Kensington Twin Head Cable Lock 45K1620
⇒ Replacement normally arrives in two business days, excluding holidays		Lenovo Easy Reach Monitor Stand 55Y9258
⇒ Lenovo pays all shipping costs for valid warranty claims⁶		
⇒ Service upgrade options⁷:		
• 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)		
⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴		
		See details at www.lenovo.com/support/monitoraccessories
		See all monitors at www.lenovo.com/thinkvision

See footnotes for important warranty information
US model announced January 12, 2010
US model withdrawn effective October 31, 2013

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Flat Panel Monitors - US model		Features
Name Case color Type-model Stand Screen Viewable image size (diag) Aspect ratio Pixel pitch (mm) Max view area (inches) Max view area (mm) Viewing angle at 5:1 CR Viewing angle at 10:1 CR Video input Dual input Rotating screen USB Hub Optimum resolution Maximum resolution Vertical frequency Horizontal frequency Preset display modes Presets / user settings Brightness Contrast ratio Pixel response time Color gamut	L197 Wide Flat Panel Monitor Business black 4434-HE1 Tilt stand LCD Active Matrix TFT (Thin Film Transistor) 19.0" / 481mm (diagonal) 16:10 .285mm 16.1" x 10.0" (horizontal x vertical) 408mm x 255mm (horizontal x vertical) 176° vertical, 176° horizontal 160° vertical, 170° horizontal Digital or analog (two separate connectors) Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) No pivot None 1440x900 at 60Hz 1440x900 at 75Hz (137MHz maximum pixel rate) 50 to 76Hz 30 to 81kHz VGA: 640x480 60, 66, 72, 75Hz 640x350 70Hz 720x400 70Hz SVGA: 800x600 56, 60, 72, 75Hz 832x624 75Hz XGA: 1024x768 60, 70, 75Hz 1152x864 75Hz SXGA: 1280x1024 60, 70, 75Hz WXGA+: 1440x900 60, 75Hz Standard presets: 20; user settings: 20 250 nits or cd/m ² (typical) 1000:1 (typical) 5ms (typical) 72%	<ul style="list-style-type: none"> • Widescreen 19-inch flat panel monitor • EPEAT™ Gold rating • View images in a 16:10 wide aspect ratio • Resolution of 1440x900 provides crisp screen images • Slim 14.3mm (0.56") side bezel • High-bandwidth Digital Content Protection (HDCP)-compliant • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Complements the ThinkCentre® and ThinkPad® systems • Microsoft® Windows® Vista™ Premium certified
 <p>Lenovo ThinkVision L197 Wide</p>		
On screen display Control features Monitor connectors Signal cables Anti-reflective Dimensions Weight Viewing adjustments Mounting features Security	On screen display with digital user controls (7 languages) Direct access (buttons on front) for automatic image setup Two connectors: (1) analog VGA 15-pin D-shell [blue], (2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white], HDCP-compliant Two cables: (1) detachable, VGA 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 1.8 meter, matches color of monitor Anti-reflective, anti-glare 15.0"H x 17.3"W x 7.0"D / 381mm height x 440mm width x 179mm depth 9.15lb / 4.15kg Tilt: 30° back, 4° forward / no lift, no swivel, detachable stand 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)	
VESA-compliant ² Power management Ergonomics Pixel defect Emission standards Environmental Ship group Power supply Limited warranty ⁴ Available date	VESA DDC2B/CI, VESA DPMS-compliant ENERGY STAR® 5.0 ISO 13406 Part 2 ¹ ISO 13406-2 Class II pixel defect standard MPR-2, MPR-3A, FCC Class B TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), EPEAT™ Gold rating Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord 90-264Vac (universal), integrated (no external brick-like power supply), 22 watts typical, <2 watts standby/suspend 3 year (includes backlight) April 2008	
Limited Warranty		Accessories
⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷ <ul style="list-style-type: none"> • 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) ⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴		Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258 See details at www.lenovo.com/support/monitoraccessories See all monitors at www.lenovo.com/thinkvision

See footnotes for important warranty information
 US model announced April 15, 2008
 US model withdrawn effective August 1, 2013

<div><div>Name</div><div>Case color</div><div>Type-model</div><div>Panel</div><div>Viewable image size</div><div>Max view area (W x H)</div><div>Optimum resolution</div><div>Maximum resolution</div><div>Aspect ratio</div><div>Pixel pitch (mm)</div><div>Dot/Pixel per Inch</div><div>Brightness</div><div>Contrast ratio</div><div>Pixel response time</div><div>Color gamut</div><div>Anti-reflective</div><div>Vertical frequency</div><div>Horizontal frequency</div><div>Viewing angle at 10:1 CR</div><div>Stand</div><div>Bezel width</div><div>Dimensions (HxWxD)</div><div>Power supply</div><div>Weight</div><div>Limited warranty⁴</div><div>Available date</div></div> <div><div>L1711p Flat Panel Monitor</div><div>Business black</div><div>5047-HB2</div><div>TFT-LCD, twisted nematic (TN), CCFL backlight</div><div>17.0" (432mm) diagonal</div><div>13.3" x 10.6" (337.9mm x 270.3mm)</div><div>1280x1024 at 60Hz</div><div>1280x1024 at 75Hz (165MHz max pixel rate)</div><div>5:4</div><div>0.264mm</div><div>96 dpi</div><div>250 nits or cd/m² (typical)</div><div>1000:1 (typical)</div><div>5ms (typical)</div><div>72%</div><div>Anti-reflective, anti-glare</div><div>50 to 75Hz</div><div>30 to 83kHz</div><div>160° (+/- 80°) horizontal, 160° (+/- 80°) vertical</div><div>Tilt height adjustable stand</div><div>Sides: 0.6" (15.3mm); top: 0.72" (18.4mm); bottom: 1.11" (28.1mm)</div><div>16-20.33" H x 14.6" W x 6.1" D; 405.7-515.7mm H x 370mm W x 155.2mm D</div><div>18 watts typical, 21 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply)</div><div>9.3 lb; 4.21kg</div><div>3 year (includes backlight)</div><div>November 2009</div></div>		<div><div>Features</div><div>• Regular screen 17-inch monitor</div><div>• Supports SXGA 1280x1024 resolution</div><div>• Ergonomic stand tilts and provides a 4.3" (110mm) range height adjustment for comfortable viewing</div><div>• Includes dual input connection for attachment to two systems concurrently (analog and digital)</div><div>• Reduces mercury content by 50% and arsenic free glass</div><div>• Up to 70% recycled packaging materials</div><div>• Privacy Filter Slot</div><div>• Microsoft® Windows® 7 certified</div></div>
<div><div>VESA-compliant²</div><div>Power management</div><div>Ergonomics</div><div>Emission standards</div><div>Environmental</div></div> <div><div>VESA DDC2B/CI, VESA DPMS-compliant</div><div>ENERGY STAR® 5.0</div><div>ISO 9241-307</div><div>MPR-2, MPR-3A, FCC Class B</div><div>TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating</div></div>	<div><div><div><div>lenovo</div><div></div></div><div></div></div><div>ThinkVision L1711p Monitor</div></div>	
<div><div>Preset resolutions</div><div>Presets / user settings</div></div> <div><div>VGA: 640x350, 640x480, 720x400</div><div>SVGA: 800x600</div><div>XGA: 1024x768</div><div>SXGA: 1280x1024</div><div>Standard presets: 17; user settings: 22</div></div>		
<div><div>Viewing adjustments</div><div>Rotating screen</div><div>On screen display</div><div>Control features</div><div>Multiple input</div><div>Monitor connectors</div><div>Signal cables</div><div>Mounting features</div><div>Security</div></div> <div><div>Tilt: 20° back, -3° forward; lift: 4.3" (110mm); detachable stand</div><div>None</div><div>On screen display with digital user controls (8 languages)</div><div>Direct access (buttons on front) for automatic image setup</div><div>Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)</div><div>(1) VGA 15-pin D-shell, analog, blue</div><div>(2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant</div><div>(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</div><div>(2) detachable, DVI-D at each end, digital, 1.8 meter</div><div>Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount)</div><div>Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)</div></div>		
<div><div>Ship group</div></div> <div><div>Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</div></div>		
<div><div>Limited Warranty</div><div>⇒ 3 year limited warranty⁴</div><div>⇒ International Warranty Service⁵</div><div>⇒ Replacement normally arrives in two business days, excluding holidays</div><div>⇒ Lenovo pays all shipping costs for valid warranty claims⁶</div><div>⇒ Service upgrade options:⁷<div><div>• 3 year, on site exchange, Mon-Fri 9-5 with next day response</div><div>(Lenovo Services part number 41C9209)</div><div>• 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9215)</div><div>• 4 year, mail exchange (51J0589)</div><div>• 5 year, mail exchange (51J0590)</div></div><div>⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴</div></div><div><div>Accessories</div><div><div>Kensington MicroSaver Cable Lock</div><div>73P2582</div></div><div><div>Kensington Twin Head Cable Lock</div><div>45K1620</div></div><div><div>Lenovo Easy Reach Monitor Stand</div><div>55Y9258</div></div><div>See details at www.lenovo.com/support/monitoraccessories</div><div>See all monitors at www.lenovo.com/thinkvision</div></div></div>		

See footnotes for important warranty information
 US model announced October 20, 2009
 US model withdrawn effective August 1, 2013


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<div><div>Name</div><div>Case color</div><div>Type-model</div><div>Panel</div><div>Viewable image size</div><div>Max view area (W x H)</div><div>Optimum resolution</div><div>Maximum resolution</div><div>Aspect ratio</div><div>Pixel pitch (mm)</div><div>Dot/Pixel per Inch</div><div>Brightness</div><div>Contrast ratio</div><div>Pixel response time</div><div>Color gamut</div><div>Anti-reflective</div><div>Vertical frequency</div><div>Horizontal frequency</div><div>Viewing angle at 10:1 CR</div><div>Stand</div><div>Bezel width</div><div>Dimensions (HxWxD)</div><div>Power supply</div><div>Weight</div><div>Limited warranty⁴</div><div>Available date</div></div>	<div><div>L1900p Flat Panel Monitor</div><div>Business black</div><div>4431-HE1</div><div>TFT-LCD, twisted nematic (TN), CCFL backlight</div><div>19.0" (483mm) diagonal</div><div>14.8" x 11.85" (376mm x 301mm)</div><div>1280x1024 at 60Hz</div><div>1280x1024 at 75Hz (135MHz max pixel rate)</div><div>5:4</div><div>.294mm</div><div>86 dpi</div><div>250 nits or cd/m² (typical)</div><div>800:1 (typical)</div><div>5ms (typical)</div><div>72%</div><div>Anti-reflective, anti-glare</div><div>56 to 76Hz</div><div>30 to 81kHz</div><div>160° (+/- 80°) horizontal, 160° (+/- 80°) vertical</div><div>Tilt, swivel, pivot, and height adjustable stand</div><div>Sides: 0.6" (15.3mm); top: 0.66" (16.8mm); bottom: 1.05" (26.8mm)</div><div>14.9-19.2" H x 16.1" W x 7.4-9.5" D; 378.7-488.7mm H x 408mm W x 188-241.1mm D</div><div>17 watts typical, 24 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply)</div><div>12.5 lb; 5.7kg</div><div>3 year (includes backlight)</div><div>November 2008</div></div>
<div><div>VESA-compliant²</div><div>Power management</div><div>Ergonomics</div><div>Pixel defect</div><div>Emission standards</div><div>Environmental</div><div>Preset resolutions</div><div>Presets / user settings</div></div>	<div><div>VESA DDC2B/CI, VESA DPMS-compliant</div><div>ENERGY STAR^{®3} 5.0</div><div>ISO 13406 Part 2¹</div><div>ISO 13406-2 Class II pixel defect standard</div><div>MPR-2, MPR-3A, FCC Class B</div><div>TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), EPEAT™ Gold rating, GREENGUARD[®] certified</div><div>VGA: 640x350, 640x480, 720x400</div><div>SVGA: 800x600</div><div>XGA: 1024x768</div><div>SXGA: 1280x1024</div><div>Standard presets: 21; user settings: 17</div></div>
<div><div>Viewing adjustments</div><div>Rotating screen</div><div>On screen display</div><div>Control features</div><div>Multiple input</div><div>Monitor connectors</div><div>Signal cables</div><div>Mounting features</div><div>Security</div><div>Ship group</div></div>	<div><div>Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand</div><div>Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)</div><div>On screen display with digital user controls (8 languages)</div><div>Direct access (buttons on front) for automatic image setup</div><div>Multiple input (two different PCs attach to two different connectors; one PC shows image; select via button)</div><div>(1) VGA 15-pin D-shell, analog, blue</div><div>(2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant</div><div>(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter</div><div>(2) detachable, DVI-D at each end, digital, 1.8 meter</div><div>Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI[®] (100mm mount)</div><div>Security keyhole for attachment of optional cable lock (Kensington[®] lock-compatible)</div><div>Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</div></div>


<div><div>Limited Warranty</div><div>⇒ 3 year limited warranty⁴</div><div>⇒ International Warranty Service⁵</div><div>⇒ Replacement normally arrives in two business days, excluding holidays</div><div>⇒ Lenovo pays all shipping costs for valid warranty claims⁶</div><div>⇒ Service upgrade options:⁷</div><div>• 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)</div><div>• 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</div><div>• 4 year, mail exchange (51J0589)</div><div>• 5 year, mail exchange (51J0590)</div><div>⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴</div></div>	<div><div>Accessories</div><div>Kensington MicroSaver Cable Lock73P2582</div><div>Kensington Twin Head Cable Lock45K1620</div><div>Lenovo Easy Reach Monitor Stand55Y9258</div><div>See details at www.lenovo.com/support/monitoraccessories</div><div>See all monitors at www.lenovo.com/thinkvision</div></div>
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See footnotes for important warranty information
US model announced November 11, 2008
US model withdrawn effective October 31, 2013

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<p>Name L2250p Wide Flat Panel Monitor Case color Business black Type-model 2572-HB6 Panel TFT-LCD, twisted nematic (TN), CCFL backlight Viewable image size 22.0" (559mm) diagonal Max view area (W x H) 18.7" x 11.7" (473.8mm x 296.1mm) Optimum resolution 1680x1050 at 60Hz Maximum resolution 1680x1050 at 75Hz (205MHz max pixel rate) Aspect ratio 16:10 Pixel pitch (mm) .282mm Dot/Pixel per Inch 90 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare Vertical frequency 50 to 75Hz Horizontal frequency 30 to 83kHz Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt and height adjustable stand Bezel width Sides: 0.60" (15.3mm); top: 0.79" (20.0mm); bottom: 1.10" (28.0mm) Dimensions (HxWxD) 15.68-18.83" H x 19.92" W x 6.11" D; 398.3-478.3mm H x 506mm W x 155.2mm D Power supply 21 watts typical, 28 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 11.49 lb; 5.21kg Limited warranty⁴ 3 year (includes backlight) Available date October 2009</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 22-inch monitor • Supports WSXGA+ 1680x1050 resolution • Ergonomic stand tilts and provides a 3.1" (80mm) range height adjustment for comfortable viewing • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Reduces mercury content by 50% and arsenic free glass • Up to 65% recycled packaging materials • Privacy Filter Slot • Microsoft® Windows® 7 certified 						
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.0 Ergonomics ISO 9241-307 Emission standards MPR-2, MPR-3A, FCC Class B Environmental TCO (TCO Displays 5.0), WEEE, RoHS, EPEAT™ Gold rating</p>	 <p>ThinkVision L2250p Wide Monitor</p>						
<p>Preset resolutions VGA: 640x350, 640x480, 720x480 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA+: 1440x900 UXGA: 1600x1000 WSXGA+: 1680x1050 Presets / user settings Standard presets: 24; user settings: 20</p>							
<p>Viewing adjustments Tilt: 20° back, -3° forward; lift: 3.1" (80mm); detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup USB hub None Camera None Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D 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)</p>							
<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>	<p>Limited Warranty</p> <ul style="list-style-type: none"> ⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷ <ul style="list-style-type: none"> • 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) ⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ <p>Accessories</p> <table> <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 Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington MicroSaver Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
Kensington MicroSaver Cable Lock	73P2582						
Kensington Twin Head Cable Lock	45K1620						
Lenovo Easy Reach Monitor Stand	55Y9258						

<p>Name L2251x Wide Flat Panel Monitor Case color Business black Type-model 2578-HB6 Panel TFT-LCD, twisted nematic (TN), white LED backlight Viewable image size 22.0" (559mm) diagonal Max view area (W x H) 18.7" x 11.7" / 473.8mm x 296.1mm Optimum resolution 1680x1050 at 60Hz Maximum resolution 1680x1050 at 75Hz (205MHz max pixel rate) Aspect ratio 16:10 Pixel pitch (mm) .282mm Dot/Pixel per Inch 90 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 68% Anti-reflective Anti-reflective, anti-glare Vertical frequency 50 to 75Hz Horizontal frequency 30 to 83kHz Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt, swivel, pivot, and height adjustable stand Bezel width Sides: 0.60" (15.3mm); top: 0.79" (20.0mm); bottom: 1.10" (28.0mm) Dimensions (HxWxD) 14.97-19.3" H x 19.92" W x 9.50" D; 380.3-490.3mm H x 506mm W x 241.2mm D Power supply 21 watts typical, 28 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 12.39 lb; 5.63kg Limited warranty⁴ 3 year (includes backlight) Available date November 2009</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 22-inch monitor with white LED backlight • Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing • Detachable rear stand cable cover and clip to hide cables • Integrated camera (0.3 megapixel) and microphone • Integrated ambient light sensor and a proximity sensor, save more energy and make viewing more comfortable • Low halogen, mercury free, and arsenic free glass, 92% recycled packaging materials • Privacy Filter Slot • Microsoft® Windows® 7 certified 														
<p>VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR[®] 5.0 Ergonomics ISO 9241-307 Emission standards MPR-2, MPR-3A, FCC Class B Environmental TCO (TCO Certified Edge), WEEE, RoHS, EPEAT™ Gold rating</p> <p>Preset resolutions</p> <table> <tr><td>VGA:</td><td>640x350, 640x480, 720x480</td></tr> <tr><td>SVGA:</td><td>800x600</td></tr> <tr><td>XGA:</td><td>1024x768, 1152x864</td></tr> <tr><td>SXGA:</td><td>1280x1024</td></tr> <tr><td>WXGA+:</td><td>1440x900</td></tr> <tr><td>UXGA:</td><td>1600x1000</td></tr> <tr><td>WSXGA+:</td><td>1680x1050</td></tr> </table> <p>Presets / user settings Standard presets: 24; user settings: 20</p>	VGA:	640x350, 640x480, 720x480	SVGA:	800x600	XGA:	1024x768, 1152x864	SXGA:	1280x1024	WXGA+:	1440x900	UXGA:	1600x1000	WSXGA+:	1680x1050	 <p>ThinkVision L2251x Wide Monitor</p>
VGA:	640x350, 640x480, 720x480														
SVGA:	800x600														
XGA:	1024x768, 1152x864														
SXGA:	1280x1024														
WXGA+:	1440x900														
UXGA:	1600x1000														
WSXGA+:	1680x1050														
<p>Viewing adjustments Tilt: 30° back, 0° 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) On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup USB hub USB 2.0 Hub (1 port into PC, 3 ports for accessories) Camera Integrated camera (0.3 megapixel) and microphone Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, 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)</p>															
<p>Ship group Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DisplayPort cable, 1.8 meter USB cable, 1.8 meter black power cord</p>															
<p>Limited Warranty</p> <ul style="list-style-type: none"> ⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷ <ul style="list-style-type: none"> • 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) ⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	<p>Accessories</p> <table> <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 Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington MicroSaver Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258								
Kensington MicroSaver Cable Lock	73P2582														
Kensington Twin Head Cable Lock	45K1620														
Lenovo Easy Reach Monitor Stand	55Y9258														


<p> Name LS1922 Wide Flat Panel Monitor Case color Business black Type-model 2580-AF1 Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 18.5" (470mm) diagonal Max view area (W x H) 16.1" x 9.1" / 409.8mm x 230.4mm Native resolution 1366x768 Aspect ratio 16:9 Pixel pitch (mm) .300mm Dot/Pixel per Inch 85 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt adjustable stand Bezel width <i>Sides:</i> 0.61" (15.6mm); <i>top:</i> 0.67" (17.1mm); <i>bottom:</i> 1.19" (30.1mm) Dimensions (HxWxD) 14.54" H x 17.38" W x 8.25" D; 370.1mm H x 442.2mm W x 210.0mm D Power supply 14 watts typical, 18 watts maximum, <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 6.55 lb; 2.97 kg Limited warranty⁴ 3 year (includes backlight) Available date February 2012 </p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 18.5-inch monitor • Supports HD 1366x768 resolution • Supports VESA mount (100mm) • Mercury free panel and arsenic free glass • Kensington® lock slot ready for enhanced security • Microsoft® Windows® 7 certified • Support Lenovo Tiny PC via VESA mount 										
<p> VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR® 5.1 Ergonomics ISO 9241-307 Emission standards FCC Class B Environmental TCO (TCO Displays 5.2), WEEE, RoHS </p> <p> Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 WXGA: 1280x720, 1280x768, 1360x768, 1366x768 </p> <p> Presets / user settings Standard presets: 16 (VGA); user settings: 16 </p>	 <p>ThinkVision LS1922 Wide Monitor</p>										
<p> Viewing adjustments <i>Tilt:</i> 20° backward, -5° forward Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (control buttons on front) for automatic image setup and adjustment for brightness Multiple input None Monitor connectors VGA 15-pin D-shell, analog, blue Signal cables 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 FPMPI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) </p>											
<p>Ship group</p>	<p>Monitor, attached stand, Setup poster with Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter black power cord</p>										
<p>Limited Warranty</p> <p> ➤ 3 year limited warranty⁴ ➤ International Warranty Service⁵ ➤ Replacement normally arrives in two business days, excluding holidays ➤ Lenovo pays all shipping costs for valid warranty claims⁶ ➤ Service upgrade options:⁷ <ul style="list-style-type: none"> • 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) </p> <p>➤ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴</p>	<p>Accessories</p> <table> <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> <tr> <td>Lenovo Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> <tr> <td>ThinkCentre Extend Arm</td> <td>57Y4352</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	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
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										

<p>Name LS2023 Wide Flat Panel Monitor Case color Business black Type-model 3778-HB2 Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 20.0" (508mm) diagonal Max view area (W x H) 17.4" x 9.8" (443mm x 249mm) Native resolution 1600x900 Aspect ratio 16:9 Pixel pitch (mm) .276mm Dot/Pixel per Inch 92 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt adjustable stand Bezel width Sides: 0.598" (15.2mm); top: 0.606" (15.4mm); bottom: 1.020" (25.9mm) Dimensions (HxWxD) 14.28" H x 18.71" W x 6.19" D; 362.8mm H x 475.1mm W x 157.4mm D Power supply 19 watts typical, 22 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 7.01 lb; 3.18 kg Limited warranty⁴ 3 year (includes backlight) Available date September 2012</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 20-inch monitor • Supports 1600x900 resolution • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Arsenic free glass • EPEAT Gold certified • Microsoft® Windows® 7 certified 				
<p>VESA-compliant² VESA DDC2B/CI Power management ENERGY STAR® qualified Ergonomics ISO 9241-307 Emission standards FCC Class B Environmental TCO (TCO Displays 6.0), WEEE, RoHS, EPEAT™ Gold rating</p>	 <p>ThinkVision LS2023 Wide Monitor</p>				
<p>Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 WXGA: 1280x800, 1280x768, 1280x720, 1360x768 WXGA+: 1440x900, 1600x900 Presets / user settings Standard presets: 16 user settings: 16</p>					
<p>Viewing adjustments Tilt: 21° backward, -5° forward Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, dual input and brightness Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D 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)</p>					
<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>	<p>Accessories</p> <table> <tr> <td>Kensington MicroSaver Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington MicroSaver Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620
Kensington MicroSaver Cable Lock	73P2582				
Kensington Twin Head Cable Lock	45K1620				


Limited Warranty

- ⇒ **3 year limited warranty⁴**
- ⇒ **International Warranty Service⁵**
- ⇒ **Replacement normally arrives in two business days, excluding holidays**
- ⇒ **Lenovo pays all shipping costs for valid warranty claims⁶**
- ⇒ **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)
- ⇒ **24x7⁸ day toll-free support for warranty issues during the warranty period⁴**


<p>Name LS2223 Wide Flat Panel Monitor Case color Business black Type-model 3783-HB2 Panel TFT-LCD, twisted nematic (TN), White LED backlight Viewable image size 21.5" (546mm) diagonal Max view area (W x H) 18.76" x 10.55" (476.6mm x 268.1mm) Native resolution 1920x1080 Aspect ratio 16:9 Pixel pitch (mm) .248mm Dot/Pixel per Inch 103 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt adjustable stand Bezel width Sides: 0.591" (15.0mm); top: 0.701" (17.8mm); bottom: 0.996" (25.3mm) Dimensions (HxWxD) 15.08" H x 20.00" W x 6.19" D; 383.0mm H x 508.0mm W x 157.4mm D Power supply 21 watts typical, 25 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 7.74 lb; 3.51 kg Limited warranty⁴ 3 year (includes backlight) Available date September 2012</p>	<p>Features</p> <ul style="list-style-type: none"> • Widescreen 21.5-inch monitor • Supports Full HD 1920x1080 resolution • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Arsenic free glass • EPEAT Gold certified • Microsoft® Windows® 7 certified 				
<p>VESA-compliant² VESA DDC2B/CI Power management ENERGY STAR® qualified Ergonomics ISO 9241-307 Emission standards FCC Class B Environmental TCO (TCO Displays 6.0), WEEE, RoHS, EPEAT™ Gold rating</p>	<div data-bbox="980 541 1474 961" data-label="Image"> </div> <p>ThinkVision LS2223 Wide Monitor</p>				
<p>Preset resolutions VGA: 640x350, 640x480, 720x480 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 WXGA: 1280x800, 1280x768, 1280x720, 1360x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080 Presets / user settings Standard presets: 16 user settings: 16</p>					
<p>Viewing adjustments <i>Tilt:</i> 21° backward, -5° forward Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, dual input and brightness Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D 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)</p>					
<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>					
<p>Limited Warranty</p> <p>⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷</p> <ul style="list-style-type: none"> • 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) <p>⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴</p>	<p>Accessories</p> <table> <tr> <td>Kensington MicroSaver Cable Lock</td> <td>73P2582</td> </tr> <tr> <td>Kensington Twin Head Cable Lock</td> <td>45K1620</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington MicroSaver Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620
Kensington MicroSaver Cable Lock	73P2582				
Kensington Twin Head Cable Lock	45K1620				

<div>NameLS2323 Wide Flat Panel Monitor</div> <div>Case colorRaven black</div> <div>Type-model3794-HB1</div> <div>PanelTFT-LCD, twisted nematic (TN), White LED backlight</div> <div>Viewable image size23" (584mm) diagonal</div> <div>Max view area (W x H)20.04" x 11.28" (509.2mm x 286.4mm)</div> <div>Native resolution1920x1080</div> <div>Aspect ratio16:9</div> <div>Pixel pitch (mm).265mm</div> <div>Dot/Pixel per Inch96 dpi</div> <div>Brightness250 nits or cd/m² (typical)</div> <div>Contrast ratio1000:1 (typical)</div> <div>Pixel response time5ms (typical)</div> <div>Color gamut72%</div> <div>Viewing angle at 10:1 CR170° (+/- 85°) horizontal, 160° (+/- 80°) vertical</div> <div>StandTilt adjustable stand</div> <div>Bezel widthSides: 0.709" (18.0mm); top: 0.709" (18.0mm); bottom: 1.197" (30.4mm)</div> <div>Dimensions (HxWxD)15.92" H x 21.57" W x 7.67" D; 403.9mm H x 547.8mm W x 194.9mm D</div> <div>Power supply30 watts typical, 35 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)</div> <div>Weight8.20 lb; 3.72 kg</div> <div>Limited warranty⁴3 year (includes backlight)</div> <div>Available dateSeptember 2012</div>		<div>Features</div> <div><div>• Widescreen 23-inch monitor</div><div>• Supports Full HD 1920x1080 resolution</div><div>• Includes dual input connection for attachment to two systems concurrently (analog and digital)</div><div>• Arsenic free glass</div><div>• EPEAT Gold certified</div><div>• Microsoft® Windows® 7 certified</div></div>
<div>VESA-compliant²VESA DDC/CI, VESA DPMS-compliant</div> <div>Power managementENERGY STAR® qualified</div> <div>ErgonomicsISO 9241-307</div> <div>Emission standardsFCC Class B</div> <div>EnvironmentalTCO (TCO Displays 5.2), RoHS, EPEAT™ Gold rating</div>	<div></div> <div>ThinkVision LS2323 Wide Monitor</div>	
<div>Preset resolutionsVGA: 640x350, 640x480, 720x400, 700x570 SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080</div> <div>Presets / user settingsStandard presets: 26; user settings: 26</div>		
<div>Viewing adjustmentsTilt: 21° backward, -5° forward</div> <div>Rotating screenNone</div> <div>On screen displayOn screen display with digital user controls (8 languages)</div> <div>Control featuresDirect access (buttons at the middle bottom of the front bezel) for automatic image setup and brightness</div> <div>Multiple inputDual input (two different PCs attach to two different connectors; one PC shows image; select via button)</div> <div>Monitor connectors(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant</div> <div>Signal cables(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter</div> <div>Mounting featuresWall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPI® (100mm mount)</div> <div>SecuritySecurity keyhole for attachment of optional cable lock (Kensington® lock-compatible)</div>		
<div>Ship groupMonitor, toolless detachable stand, Quick start and safety poster, CD with multilingual User's Guide, setup test pattern and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</div>		

<div>Limited Warranty</div> <div><div>⇒ 3 year limited warranty⁴</div><div>⇒ International Warranty Service⁵</div><div>⇒ Replacement normally arrives in two business days, excluding holidays</div><div>⇒ Lenovo pays all shipping costs for valid warranty claims⁶</div><div>⇒ Service upgrade options:⁷<div><div>• 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)</div><div>• 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)</div><div>• 4 year, mail exchange (51J0589)</div><div>• 5 year, mail exchange (51J0590)</div></div></div><div>⇒ 24x7⁸ day toll-free support for warranty issues during the warranty period⁴</div></div>	<div>Accessories</div> <div><div>Kensington MicroSaver Cable Lock73P2582</div><div>Kensington Twin Head Cable Lock45K1620</div></div> <div>See details at www.lenovo.com/support/monitoraccessories</div> <div>See all monitors at www.lenovo.com/thinkvision</div>
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<p> Name LT1712p Flat Panel Monitor Case color Business black Type-model 5047-HC2 Panel TFT-LCD, twisted nematic (TN), CCFL backlight Viewable image size 17.0" (432mm) diagonal Max view area (W x H) 13.3" x 10.6" (337.9mm x 270.3mm) Optimum resolution 1280x1024 Aspect ratio 5:4 Pixel pitch (mm) 0.264mm Dot/Pixel per Inch 96 dpi Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt height adjustable stand Bezel width Sides: 0.60" (15.3mm); top: 0.72" (18.4mm); bottom: 1.11" (28.1mm) 12.5" H x 14.6" W x 2.1" D; Dimensions (HxWxD, excluding stand) 318.3mm H x 370.0mm W x 53.0mm D Dimensions (HxWxD, including stand) 405.7mm H x 370.0mm W x 155.2mm D Power supply 15.5 watts typical, 19.0 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 9.35 lb; 4.24kg Limited warranty⁴ 3 year (includes backlight) Available date January 2013 </p>	<p>Features</p> <ul style="list-style-type: none"> • 17-inch Square LCD monitor • Supports SXGA 1280x1024 resolution • Ergonomic stand tilts and provides a 4.3" (110mm) range height adjustment for comfortable viewing • Includes dual input connection for attachment to two systems concurrently (analog and digital) • Arsenic free glass • Supports Lenovo Tiny PC and 3rd party thin client via optional Lenovo bracket • Microsoft® Windows® 7 certified 						
<p> VESA-compliant² 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, WEEE, RoHS, EPEAT™ Gold rating </p> <p> Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 Presets / user settings Standard presets: 17; user settings: 22 </p>	 <p>ThinkVision LT1712p Monitor</p>						
<p> Viewing adjustments Tilt: 20° back, -3° forward; lift: 4.3" (110mm); detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Monitor connectors (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D 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) </p>							
<p>Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord</p>							
<p>Limited Warranty</p> <p>See details at http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281</p>	<p>Accessories</p> <table> <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 Easy Reach Monitor Stand</td> <td>55Y9258</td> </tr> </table> <p>See details at www.lenovo.com/support/monitoraccessories</p> <p>See all monitors at www.lenovo.com/thinkvision</p>	Kensington MicroSaver Cable Lock	73P2582	Kensington Twin Head Cable Lock	45K1620	Lenovo Easy Reach Monitor Stand	55Y9258
Kensington MicroSaver Cable Lock	73P2582						
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<div>Name Case color Type-model Panel Viewable image size Max view area (W x H) Optimum resolution Max pixel rate 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 Weight Limited warranty⁴ Available date VESA-compliant² Power management Ergonomics Emission standards Environmental</div>		<div>LT2934z Panorama Monitor Black with a dark metallic bezel 60A5RAR1US TFT-LCD, AH-IPS, White LED backlight 29" (730.25mm) diagonal 26.49" x 11.17" (672.8mm x 283.8mm) 2560x1080 205MHz (VGA/HDMI/DVI/DP); 75MHz (MHL) 21:9 0.0876 x 0.2628mm 96 dpi 300 nits or cd/m² (typical) 1000:1 (typical) 7ms (Grey To Grey average) 72% (NTSC, CIE 1931); 100% (sRGB 1931) 178° horizontal, 178° vertical Tilt, swivel, and height adjustable stand <i>Sides/top/bottom: 0.079" (2.0mm)</i> 13.10" H x 27.50" W x 2.00" D; 361.7mm H x 699.2mm W x 50.0mm D 15.00" H x 27.50" W x 9.40" D; 380.0mm H x 699.2mm W x 239.7mm D 50 watts typical, 100 watts maximum, <1.2 watts sleep/off; <0.5 watts switch off; integrated (no external brick-like power supply) 18.30 lb; 8.3kg (including stand) 3 year (includes backlight) October 2013 VESA DDC2B/CI ENERGY STAR® 6.0 ISO 9241-307 FCC Class B TCO Displays 6.0, TCO Certified Edge 1.2, RoHS, EPEAT™ Gold rating, ULE Gold</div>		<div>Features<ul style="list-style-type: none">• Panorama 29-inch IPS monitor• Supports 2560x1080 resolution• PiP(Picture in Picture) Anywhere Solution (software)• One-Switch Toggle features quickly switching keyboard and mouse from one PC to another• 4-Ports USB hub, support USB 3.0 and USB 2.0• Support DaisyChain• Integrated FHD Webcam, two digital microphones and 3watts x 2 stereo speakers• Dedicated VoIP controls• Displays content from 2 PCs in one screen• Arsenic/Lead/Mercury free• Microsoft® Windows® 7/ Windows 8/ Windows 8.1 certified</div>	
<div>Preset resolutions <</div>					

Name	LT3053p Wide Flat Panel Monitor	Features
Case color	Business black	
Type-model	60A4RAR1US	
Panel	TFT-LCD, AH-IPS, White LED backlight	
Viewable image size	30" (762mm) diagonal	
Max view area (W x H)	25.2" x 15.8" (641.3mm x 400.8mm)	
Optimum resolution	2560x1600	
Max pixel rate	205MHz	
Aspect ratio	16:10	
Pixel pitch (mm)	0.251mm	
Dot/Pixel per Inch	101 dpi	
Brightness	350 nits or cd/m ² (typical)	
Contrast ratio	1000:1 (typical)	
Pixel response time	6ms (Grey To Grey average)	
Color gamut	99% (Adobe RGB)	
Viewing angle at 10:1 CR	178° horizontal, 178° vertical	
Stand	Tilt, swivel, pivot, and height adjustable stand	
Bezel width	Sides: 0.91" (23.1mm); top: 0.91" (23.2mm); bottom: 0.91" (23.1mm)	
Dimensions (HxWxD, excluding stand)	17.69" H x 27.17" W x 2.44" D; 449.3mm H x 690mm W x 62mm D	
Dimensions (HxWxD, including stand)	18.55" H x 27.17" W x 9.51" D; 471.1mm H x 690mm W x 241.5mm D	
Power supply	88 watts typical (w/o USB hub), 130 watts maximum (w/o USB hub), <1.2 watts sleep/off (w/o USB hub); <0.5 watts switch off (w/o USB hub); integrated (no external brick-like power supply)	
Weight	25.35 lb; 11.5kg (including stand and shading hood)	
Limited warranty ⁴	3 year (includes backlight)	
Available date	March 2013	
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: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x720, 1280x768, 1280x800, 1360x768 WXGA+: 1440x900, 1600x900 WSXGA+: 1680x1050 Full HD: 1920x1080 WUXGA: 1920x1200 WQXGA: 2560x1600 other: 640x1600, 1280x1600, 1920x1600, Standard presets: 21; user settings: 20	
Presets / user settings		
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	
On screen display	On screen display with digital user controls (8 languages)	
Control features	Direct access (buttons on front) for automatic image setup, input switch, and brightness	
USB hub	USB Hub (1 USB 3.0 w/Battery charger, 2 USB 3.0, 2 USB 2.0)	
Multiple input	Support VGA, DVI-D, HDMI, DisplayPort, MHL connections (Mobile High-definition Link)	
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue (2) DisplayPort (1.2), digital, black, HDCP-compliant (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant (4) HDMI (1.4), 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 (3) detachable, DVI-D at each end, digital, 1.8 meter Note: HDMI cable is not included	
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, toolless detachable stand, shading hood, Quick start and safety poster, CD with multilingual User's Guide, setup test pattern, Picture In Picture Anywhere installation files and user guide, 1.8 meter analog signal cable, 1.8 meter DisplayPort cable, 1.8 meter DVI-D cable, 1.8 meter USB 3.0 cable, 1.8 meter USB 2.0 cable, 1.8 meter black power cord	
Limited Warranty		Accessories
⇒ 3 year limited warranty ⁴		Kensington MicroSaver Cable Lock 73P2582
⇒ International Warranty Service ⁵		Kensington Twin Head Cable Lock 45K1620
⇒ Replacement normally arrives in two business days, excluding holidays		Lenovo Security Cable Lock 57Y4303
⇒ Lenovo pays all shipping costs for valid warranty claims ⁶		ThinkCentre Extend Arm 57Y4352
⇒ Service upgrade options: ⁷		Lenovo Easy Reach Monitor Stand 55Y9258
• 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		
		See details at www.lenovo.com/support/monitoraccessories
		See all monitors at www.lenovo.com/thinkvision

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

- ¹ **ISO-compliant:** Compliance with ISO 9241 Part 3, ISO Part 7, ISO Part 8, and/or ISO 13406 Part 2 is dependent on a complete ISO-capable platform of a system unit, monitor, video subsystem, operating system and fonts.
- ² **VESA:** Requires attachment to suitably configured system with similarly enabled operating system.
- ³ **ENERGY STAR:** As an ENERGY STAR partner, Lenovo has determined that this product meets the ENERGY STAR 4.0 or 4.1 guidelines for energy efficiency. Requires attachment to suitably configured system.
- ⁴ **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
- ⁵ **International Warranty Service** is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.
- ⁶ **Lenovo pays all shipping costs** for warranty repairs during limited warranty period.

⁷ **ThinkPlus and Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

⁸ **Telephone support** may be subject to additional charges, even during the limited warranty period. In the United States call 1-800-426-7378. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For machines with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.

¹⁰ **TAA:** Monitor is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.

¹¹ **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.

¹² **Halogen:** Less than 900 Parts Per Million. Low halogen is defined in accordance with IPC-401B and draft IPC-J-STD 709 Class 1 requirements.

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