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Cadalyst Labs Report: LED Monitor Specifications						
Company	**AOC**	**EIZO**	**HP**	**Lenovo**	**NEC Display Solutions of America**	**ViewSonic**
Model	i2367fh	FlexScan EV2436W	ZR2440w	LT2452p	NEC MultiSync P232W	VP2765-LED
Phone	888.662.9888	800.800.5202	206.770.7026	866.968.4465	866.632.6673	888.881.8781
Web site	us.aoc.com	www.eizo.com	www.hp.com	www.lenovo.com	www.necdisplay.com	www.viewsonic.com
Estimated retail price	$199	$549.99	$399	$433.99	$569	$529
Warranty (labor, parts, and backlight)	3 year limited (panel 1 year, parts and labor 3 years); Ease Program: 3 month replacement program	5/5/5 years	3 years labor, 3 years parts, 3 years onsite service; standard limited warranty	3/3/3 years	4/4/4 years with 48 hour advanced exchange	3-year limited warranty
Panel type	IPS	IPS LCD	LCD e-IPS	LCD e-IPS	AH-IPS LCD	AMVA
Backlight type	WLED	LED	LED	WLED	WLED	LED
Screen size (diagonal)	23"	24.1"	24.1"	24"	23"	27"
Aspect ratio	16:9	16:10	16:10	16:10	16:9	16:9
Pixel pitch	0.265 mm	0.27 mm	0.27 mm	0.27 mm	0.27 mm	0.31 mm
Native resolution (maximum)	1,920 x 1,080	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,080	1,920 x 1,080 (full HD)
1,920 x 1,080 support (no distortion)	Yes/60Hz	Yes	Yes, 60 Hz	Yes	Yes	Yes
1,280 x 1,024 support (no distortion)	Yes/60 Hz, 75 Hz	Yes	Yes, 60 Hz	Yes	Yes	Yes (scaled to 5:4 aspect ratio)
1,024 x 768 support (no distortion)	Yes/60 Hz, 70 Hz, 75 Hz	Yes	Yes, 60 Hz	Yes	Yes	Yes (scaled to 4:3 aspect ratio)
Brightness (vendor rated)	250 cd/m2	300 cd/m2	50 to 350 nits cd/m2	300 nits	250 cd/m2 (squared)	300 cd/m2 (typical)
Contrast (vendor rated)	50,000,000:1 dynamic	1,000:1	1,000:1 static; 2M:1 dynamic	1,000:1	1,000:1 contrast	3,000:1 static, 20,000,000:1 dynamic
Horizontal viewing angle (vendor rated)	178 degrees	178 degrees	178 degrees	178 degrees	178 degrees	178 degrees
Vertical viewing angle (vendor rated)	178 degrees	178 degrees	178 degrees	178 degrees	178 degrees	178 degrees
Vertical tilt	None	30 degrees	-5 degrees to +35 degrees	30 degrees	-5 degrees to +30 degrees	-5 degrees to +20 degrees
Horizontal sync range	30–83 kHz	31–76 kHz	24–80 kHz	75 kHz	31.5–83 kHz/118.4 khz	24–83 kHz
Vertical sync range	50–76 Hz	59–61 Hz	24–60 Hz	75 Hz	50–85 Hz	50–75 Hz
Panel depth	0.47"	2.2"	2.4"	1"	2.9"	2.6"
Physical size (wxhxd) with stand/without stand	20.9" x 15.5" x 4.7"	21.75" x 14.8" – 21" x 9.7" / 21.75" x 14.1" x 2.2"	22.1" x 16.9" x 9.3"/22.13" x 14.49" x 2.40"	22" x 15.54" – 19.87" x 10.13"	21.4" x 14.9" – 20.8" x 9"/21.4" x 12.7" X 2.9"	25.3" x 18.3" x 15.3"/25.3" x 15.4" x 2.6"

Total weight with stand / without stand	8.3 lb/12.3 lb	14.8 lb/9 lb	16.76 lb/10.8 lb	14.7 lb	20.3 lb	18 lb/11.8 lb
Portrait/landscape pivot	No	Yes, 90 degrees	Yes, 90 degrees	Yes, 45 degrees	Yes, 90 degrees	Yes, 90 degrees
Power consumption	<45 W	19 W	Energy Star Power (200 cd/m2) 32 W; default power 48 W	30 W	29 W	55 W (typical)
Power consumption (standby)	<0.5 W	<0.3 W	<0.5 W sleep/standby	<0.5 W	0.3 W	<0.5 W
VESA wall mount option	No	Yes	Yes	Yes	Yes	Yes, 100 mm
Interface (analog/digital)	Analog RGB signal: 15-pin d-sub male; Digital signal: 19-pin HDMI	Analog/digital	Digital	Digital	Analog/digital	Analog/digital
Connections (D-sub/DVI-D/HDMI/DisplayPort)	HDMI with HDCP x2	D-Sub; DVI-D; DisplayPort	DVI-D; HDMI; DisplayPort; HDCP support on all inputs, audio output	VGA (1), DisplayPort (2), DVI-D (3)	DisplayPort, HDMI, DVI-D, VGA 15-pin D-sub	VGA, DVI, DisplayPort
USB hub (2.0/3.0)	No	2.0/No	Integrated, self-powered 4-port USB 2.0 hub, USB upstream; 4 USB downstream	2.0 (4)	2 up/3 down, with included KVM	4-port USB hub
Integrated speakers	2 W x 2	Yes, back facing	No	No	Front-facing option (Soundbar Pro)	No
Response time	5 ms (typical)	6 ms	6 ms	7 ms	8 ms	12 ms
Capacitive touchscreen	No	No	No	No	Optional	No
Image Controls						
Type	Analog	N/A	Analog, tactile	Analog	Analog	Digital
On-screen menu control	Yes	Yes	Yes	Yes	Yes	Yes
Automatic image adjustment	Yes	Yes	Yes	Yes	Yes	Yes
Brightness/contrast	Yes	Yes	Yes	Yes	Yes	Yes
RGB color adjustment	Yes	Yes	Yes	Yes	Yes	Yes
Color control/matching system	No, but offers preset color for text, Internet, game, movie, sports	Yes	No	Yes	Yes	Yes (independent RGB)
Horizontal size/position	Yes; available in VGA/analog mode	Yes	Yes	No	Yes	Yes (analog only)
Vertical size/position	N/A	Yes	Yes	No	Yes	Yes (analog only)
Sharpness	Yes	Yes	Yes	No	Yes	Yes (non-native mode only)
Moiré reduction	No	Yes	Yes, auto-adjust mode.	No	Yes	Yes, analog only

Other image controls	iMenu software allows users to access the OSD setting with a mouse	Clock, phase, range, smoothing, border intensity, gamma, temperature, saturation, hue, gain, overdrive, signal switching, product information, settings, adjustment lock, DDC/CI lock, power indicator, reset	Sharpness, color temperature, aspect ratio/scaling settings	Super visual, overdrive, scaling	MultiProfiler (complimentary), SpectraView II Color Calibration Kit (Optional)	Resolution notice
Support available (help options)	Web, e-mail, phone, FAQ	24/7 tech support hotline, online docs, FAQ, videos	Toll-free phone support, online support site, online manuals, FAQ	24/7 toll-free support	Online downloads, video tutorials, customer support available via chat, e-mail or phone	Help options??
Environmental features	Includes AOC's e-Saver software, off-timer, Hg Free	Auto EcoView, EcoView Sense	Energy Star 5.1, 85% efficient power supply, BFR/PVC-free 5 display/stand, more than 25% recycled resin	Recycled content in plastic material	Energy Star Eco Mode, carbon footprint meter	Energy Star Eco Mode
Environmental certifications	EPEAT Silver, Energy Star Compliant	TCO Displays 6.0, EPEAT Gold (US), TUV/Ergonomics (including ISO9241-307), TUV/GS, c-Tick, CE, CB, cTUVus, FCC-B, Canadian ICES-003-B, TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, CCC, GOST-R	Energy Star 5.1, EPEAT Gold, TCO Displays 5.2, CB,CE, FCC, ETLus, VCCI, C-tick, BSMI, ,TUV-S, ISO9241-307, TUV-GS, CCC, CECP, CEL, NOM, PSB, KC, GOST, ISC	TCO Displays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, EPEAT Gold, ULE Gold	Energy Star 5.0, TCO 5.2, ROHS compliant	RoHS, EPEAT, Energy Star