

All Laser Technology is Not Created Equal

Ensure your choice of laser projectors include
the most advanced technology features:

NEC laser phosphor projector features include:

- 20,000-plus hours of virtually maintenance-free operation
- HDBaseT* for easy connection and cost saving installation
- Tilt-free and Portrait mode features improving installation flexibility
- Adjustable light source for control in any ambient lighting condition
- Constant Brightness Mode sustains light output over a long period of time



Explore NEC's Laser Phosphor Projector Lineup



- Imaging Device Lifetime – Equal to or greater than light source
- White/Color uniformity – Uniform from corner to corner
- Virtually maintenance free – Filter free
- 24/7 operation - suited for Network Operation Centers and Digital Signage applications*

*DLP models only (P506QL, PX and PH Series)

		PE455WL	PE455UL
Display Technology		0.64" LCD w MLA	
Light Output (lumens)		4,500 normal / Eco = variable	
Resolution	Native	WXGA 1280 x 800	WUXGA 1920 x 1200
	Maximum	4K@30Hz 3840 x 2160	
Contrast Ratio (up to)		450,000:1 with dynamic contrast	
Lamp Life (up to)		20,000 hours	
Screen Size (diagonal)		25 to 300 in. / 0.67 to 7.6m	
Throw Ratio		1.2 - 2.1:1	1.23 - 2.0:1
Projection Distance		2.6 - 44.3 ft. / 0.8 - 13.5m	
Projection Angle		0 to 9.6° tele / 0 to 15.9° wide	0 to 10.8° tele / 0 to 17.0° wide
Lens	Zoom	Manual	
	Zoom Ratio	1.7:1	1.6:1
	Focus	Manual	
	F-number, f-number	F= 1.7~2.2, f= 17.4 to 29.0mm	F= 1.5~2.1, f= 17.2 to 27.6mm
	Shift	Manual (H = +/- 26% / V = 0%~+55%)	Manual (H = +/- 29% / V = 0%~+60%)
Keystone Correction		+/- 30° horizontal, +/- 30° vertical	
Synchronization Range	Horizontal	15 to 100KHz (RGB: 24kHz or over)	
	Vertical	50 to 120Hz	
Supported Video Standards			
SD/HD Video Signal Compatibility		4K, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i	
PC Signal Compatibility		VGA, SVGA, XGA, WXGA, Quad-VGA, SXGA, SXGA+, WXGA+, WXGA++, WSXGA+, WUXGA	
Macintosh Compatibility		Yes	
Input/Output Terminals	RGB1 (analog)	VGA 15 pin D-sub, Component video using ADP-CV1E adapter	
	RGB2 (analog)		
	RGB1 (Digital)		
	RGB2 (digital)	HDMI (w/HDCPv1.4)	
	RGB3 (digital)	HDMI (w/HDCPv1.4)	
	RGB4 (digital)		
	RGB5 (digital)		
	RGB6 (digital)		
	Option Slot		
	Video		
	Audio 1	Stereo Mini Jack	
	Audio 2		
	Audio Out	Stereo Mini Jack	
	Monitor Out		
	USB Type A	Memory, (2A)	
	USB Type A (behind cover)	Wireless LAN (optional)	
USB Type B (behind cover)	USB Service		
Wired LAN port		RJ45 (100Base-TX/10Base-T)	
3D Sync Line			
Audio		16W mono	
External Control		RS-232 (D-Sub 9pin), IR, RJ-45	
Sync Compatibility			
Power Requirements		100 – 240V AC, 50/60Hz	
Input Current		4.5 - 1.8A	4.9 - 2.0A
Power Consumption		279W / 216W / 1.6W / 0.13W	316W / 226W / 1.6W / 0.13W
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear	
Dimensions (WxDxH)		18.9 x 16.0 x 5.6 in. / 480 x 407 x 142.5mm	
Net Weight		20.7 lbs. / 9.4 kg	
Fan Noise		27 dB normal / 22 dB eco	
Regulations		"USA: UL60950-1:2nd edition,2014, UL62368-1:2nd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH Canada: CAN/CSA C22.2 No.60950-1-07,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014)"	
Operating Temperature		41° – 104°F / 5° – 40°C	
Humidity		20-80% non-condensing	
Storage		14° – 122°F / -10° – 50°C	

		P525WL	P525UL	P605UL	P506QL
Display Technology		0.64" LCD w MLA			0.47" DMD
Light Output (lumens)		5,000 normal / Eco = variable		6,000 normal / Eco = variable	5,000 normal / 3,000 Eco
Resolution	Native	WXGA 1280 x 800	WUXGA 1920 x 1200		4K UHD 3840 x 2160
	Maximum	4K@30Hz 3840 x 2160			4K@60Hz 3840 x 2160
Contrast Ratio (up to)		500,000:1 with dynamic contrast			
Lamp Life (up to)		20,000 hours			
Screen Size (diagonal)		25 to 300 in. / 0.67 to 7.6m			50 to 310 in. / 1.27 to 7.87m
Throw Ratio		1.23 - 2.0:1			1.127 - 1.697:1
Projection Distance		2.6 - 44.3 ft. / 0.8 - 13.5m			5.2 - 26.2 ft. / 1.6 - 8m
Projection Angle		0 to 10.8° tele / 0 to 17.0° wide			25.46° tele / 34.5° wide
Lens	Zoom	Manual			
	Zoom Ratio	1.6:1			1.5:1
	Focus	Manual			
	F-number, f-number	F= 1.5~2.1, f= 17.2 to 27.6mm			F= 1.8~2.43, f= 12.1 to 18.1mm
Shift	Manual (H = +/- 29% / V = 0%~+60%)			Manual (H = +/- 20% / V = +/- 60%)	
Keystone Correction		+/- 30° horizontal, +/- 30° vertical			Vertical
Synchronization Range	Horizontal	15 to 100KHz (RGB: 24kHz or over)			16 to 153KHz (RGB: 24-100kHz)
	Vertical	50 to 120Hz			48 to 100Hz
Supported Video Standards					
SD/HD Video Signal Compatibility		4K, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i			
PC Signal Compatibility		VGA, SVGA, XGA, WXGA, Quad-VGA, SXGA, SXGA+, WXGA+, WXGA++, WSXGA+, WUXGA			VGA, SVGA, XGA, WXGA, Quad-VGA, SXGA, SXGA+, WXGA+, UXGA, WSXGA+
Macintosh Compatibility		Yes			
Input/Output Terminals	RGB1 (analog)	VGA 15 pin D-sub, Component video using ADP-CV1E adapter			
	RGB2 (analog)				
	RGB1 (Digital)				
	RGB2 (digital)	HDMI (w/HDCPv1.4)			HDMI (w/HDCPv2.0)
	RGB3 (digital)	HDMI (w/HDCPv1.4)			HDMI (w/HDCPv2.0)
	RGB4 (digital)	HDBaseT			
	RGB5 (digital)				
	RGB6 (digital)				
	Option Slot				
	Video				
Audio 1	Stereo Mini Jack				
Audio 2					
Audio Out	Stereo Mini Jack				
Monitor Out					
USB Type A	Memory, (2A)			5V/2.0A Power	
USB Type A (behind cover)	Wireless LAN (optional)				
USB Type B (behind cover)	USB Service				
Wired LAN port	RJ45 (100Base-TX/10Base-T)				
3D Sync Line					
Audio	20W mono			10W mono	
External Control	RS-232 (D-Sub 9pin), IR, RJ-45				
Sync Compatibility					
Power Requirements	100 - 240VAC, 50/60Hz				
Input Current	5.0 - 2.1A	5.1 - 2.1A	5.5 - 2.3A	6.0A	
Power Consumption	320W / 232W / 1.4W / 0.13W	330W / 240W / 1.4W / 0.13W	367W / 261W / 1.4W / 0.13W	580W / 330W / 2W / 0.5W	
Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear				
Dimensions (WxDxH)	18.9 x 16.0 x 5.6 in. / 480 x 407 x 142.5mm			18.9 x 15.7 x 6.8 in. / 480 x 407 x 142.5mm	
Net Weight	21.3 lbs. / 9.7 kg			25.4 lbs. / 11.5 kg	
Fan Noise	27 dB normal / 22 dB eco		28 dB normal / 19 dB eco		35 dB normal / 32 dB eco
Regulations	"USA: UL60950-1:2nd edition,2014, UL62368-1:2nd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH Canada: CAN/CSA C22.2 No.60950-1-07,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014)"			"UL60950-1:2nd edition,2014, UL62368-1:2nd Edition, UL62368-1:3rd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition65, TPCH, CAN/CSA C22.2 No.62368-1-14,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014)"	
Operating Temperature	41° - 104°F / 5° - 40°C				
Humidity	20-80% non-condensing				
Storage	14° - 122°F / -10° - 50°C				

		PA703UL	PA803UL	PA1004UL	
Display Technology		0.76" LCD w MLA			
Light Output (lumens)		7,000 normal / Eco = variable	8,000 normal / Eco = variable	10,000 Boost Mode / Eco = variable	
Resolution	Native	WUXGA 1920 x 1200			
	Maximum	4K 4096 x 2160			
Contrast Ratio (up to)		2,500,000:1 with auto iris		3,000,000:1 with auto iris	
Lamp Life (up to)		20,000 hours			
Screen Size (diagonal)		50 to 500 in. / 1.27 to 12.7m			
Throw Ratio	NP44ML-01LK: 0.32:1				
	NP40ZL: 0.79 - 1.11				
	NP41ZL: 1.30 - 3.02				
	NP43ZL: 2.88 - 5.93				
			NP11FL: 0.8:1		
		NP12ZL: 1.16 – 1.56:1			
		NP13ZL: 1.46 – 3.02:1			
		NP14ZL: 2.90 – 4.79:1			
		NP15ZL: 4.59 – 7.02:1			
Projection Distance		2.5 to 68.5 ft. / 0.74 to 20.9m			
Projection Angle		10.3 to 10.8° tele / 13.7 to 14.5° wide			
Lens	Zoom	Motorized			
	Zoom Ratio	Variable			
	Focus	Motorized			
	F-number, f-number	NP44ML-01LK: F=2.0, f= 6.27mm			
		NP40ZL: F=2.0 to 2.5, f= 13.3 to 18.6mm			
		NP41ZL: F=1.7 to 2.0, f= 21.8 to 49.8mm			
NP43ZL: F=2.2 to 2.6, f= 49.7 to 99.8mm					
		NP11FL: F= 2.3, f= 13.2mm			
		(NP12ZL) F= 2.2 to 2.69, f= 19.4 to 25.3mm			
		(NP13ZL) F= 1.7 to 2.37, f= 24.2 to 48.6mm			
		(NP14ZL) F= 2.2 to 2.64, f= 48.5 to 77.6mm			
		(NP15ZL) F=2.2 to 2.7, f= 76.6 to 116.5mm			
Shift		Motorized +0.5/-0.1 vertical, +/- 30 horizontal			
Keystone Correction		+/- 40° horizontal, +/- 40° vertical			
Synchronization Range	Horizontal	Analog: 15-100kHz, Digital: 15-153kHz			
	Vertical	Analog: 48-120Hz, Digital: 24-120Hz			
Supported Video Standards		NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM			
SD/HD Video Signal Compatibility		4K, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i			
PC Signal Compatibility		VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA, 4K			
Macintosh Compatibility		Yes			
Input/Output Terminals	RGB1 (analog)	VGA 15 pin D-sub, Component video using ADP-CV1E adapter			
	RGB2 (analog)				
	RGB1 (Digital)				
	RGB2 (digital)	HDMI (V2.0) w/HDCP (V1.4/2.2)			
	RGB3 (digital)	HDMI (V2.0) w/HDCP (V1.4/2.2)			
	RGB4 (digital)	DisplayPort w/HDCP (V1.4)			
	RGB5 (digital)	HDBaseT w/HDCP (V1.4/2.2)			
	RGB6 (digital)				
	Option Slot				
	Video				
	Audio 1	Stereo Mini Jack			
	Audio 2				
	Audio Out				
Monitor Out	HDBaseT				
USB Type A					
USB Type A (behind cover)					
USB Type B (behind cover)					
Wired LAN port					
3D Sync Line		3Pin D			
Audio					
External Control		RS-232, IR, HDBaseT, Stereo Mini , RJ-45			
Sync Compatibility		Separate Sync / Composite Sync / Sync on G			
Power Requirements		100 – 240V AC, 50/60Hz			
Input Current		10.5A - 4.5A	11.8A - 5.2A	11.8A - 5.2A	
Power Consumption		647W / 414W / 0.64W / 0.11	798W / 470W / 0.64W / 0.11	635W / 515W / 0.8W / 0.22W	
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear			
Dimensions (WxDxH)		22.8 x 19.4 x 8.2 in. / 580 x 494 x 208mm		23.6 x 8.5 x 19.3 in. / 599 x 216 x 490mm	
Net Weight		40.1lbs. / 18.2 kg		50.7 lbs. / 23.0 kg	
Fan Noise		42 dB normal / 34 dB eco		35 dB normal / 32 dB eco	
Regulations		USA: FCC Part15 Subpart B(ANSI C63.4:2014), UL62368-1:2nd Edition Canada: CSA C22.2 No.60950-1-07,2nd Edition,2014, NOM		USA UL60950-1: 2nd edition, FCC Part15 Subpart B(ANSI C63.4.2014), CAN/CSA C22.2 No.60950-1-07,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014)	
Operating Temperature		41° – 104°F / 5° – 40°C			
Humidity		20-80% non-condensing			
Storage		14° – 122°F / -10° – 50°C			

		PX803UL	PX1004UL	PX1005QL	PX2000UL	
Display Technology		0.67" DMD		0.66" TRP DMD	DLP (0.96" DMD)	
Light Output (lumens)		8,000 normal / Eco = variable	10,000 normal / Eco = variable	10,000 normal / Eco = variable	20,000 (Center) Boost Mode	
Resolution	Native	WUXGA 1920 x 1200		4K UHD 3840 x 2160 Viewable	WUXGA 1920 x 1200	
	Maximum	4K 4096 x 2160		4K 4096 x 2160	WQXGA 2560 x 1600	
Contrast Ratio (up to)		15,000:1 with dynamic contrast		10,000:1 with dynamic contrast	10,000:1 with dynamic contrast	
Lamp Life (up to)		20,000 hours				
Screen Size (diagonal)		30 to 300 in. / 0.76 to 7.62m		40 to 500 in. / 1.57 to 19.7m	40 to 500 in. / 1.02 to 12.7m	
Throw Ratio		NP39ML: 0.38:1		NP39ML-4K: 0.38:1	NP45ZL: 0.9 - 1.2:1	
		NP31ZL: 0.75 - 0.93:1		NP31ZL-4K: 0.75 - 0.93:1	NP46ZL: 1.2 - 1.56:1	
		NP16FL: 0.76:1		NP16FL-4K: 0.76:1	NP47ZL: 1.5 - 2.0:1	
		NP17ZL: 1.25 - 1.79:1		NP17ZL-4K: 1.25 - 1.79:1	NP48ZL: 2.0 - 4.0:1	
		NP18ZL: 1.73 - 2.27:1		NP18ZL-4K: 1.73 - 2.27:1	NP49ZL: 4.0-7.0:1	
		NP19ZL: 2.22 - 3.67:1		NP19ZL-4K: 2.22 - 3.67:1		
		NP20ZL: 3.58 - 5.38:1		NP20ZL-4K: 3.58 - 5.38:1		
	NP21ZL: 5.31 - 8.26:1		NP21ZL-4K: 5.31 - 8.26:1			
Projection Distance		2.1 to 179.8 ft. / 0.64 to 54.8m		1.6 to 182.9 ft. / 0.6 to 55.8m	3.3 to 247.4 ft. / 1.0 to 75.4m	
Projection Angle		2.1 to 19.1° tele / 3.3 to 24.0° wide		1.2 to 17.6° tele / 1.8 to 22.0° wide	10.3 to 10.8° tele / 13.7 to 14.5° wide	
Lens	Zoom	Motorized		Motorized	Motorized	
	Zoom Ratio	Variable		Variable	Variable	
	Focus	Motorized		Motorized	Motorized	
	F-number, f-number		NP39ML: F=2.0, f=5.64mm		NP39ML-4K: F=2.0, f=5.64mm	NP45ZL: F=2.2 to 2.53, f= 19.34 to 25.76mm
			NP31ZL: F=1.96 to 2.3, f=11.3 to 14.1mm		NP31ZL-4K: F=1.96 to 2.3, f=11.3 to 14.1mm	NP46ZL: F=2.18 to 2.66, f= 25.69 to 33.22mm
			NP-16FL: F=1.85, f=11.6mm		NP16FL-4K: F=1.85, f=11.6mm	NP47ZL: F=2.17 to 2.65, f= 31.90 to 42.20mm
			NP17ZL: F=1.85 to 2.5, f=18.7 to 26.5mm		NP17ZL-4K: F=1.85 to 2.5, f=18.7 to 26.5mm	NP48ZL: F=2.17 to 2.65, f= 42.60 to 84.80mm
		NP18ZL: F=1.64 to 1.86, f=25.7 to 33.7mm		NP18ZL-4K: F=1.64 to 1.86, f=25.7 to 33.7mm	NP49ZL: F=2.2 to 2.57, f= 83.93 to 146.85mm	
		NP19ZL: F=1.86 to 2.48, f=32.9 to 54.2mm		NP19ZL-4K: F=1.86 to 2.48, f=32.9 to 54.2mm		
	NP20ZL: F=1.85 to 2.4, f=52.8 to 79.1mm		NP20ZL-4K: F=1.85 to 2.4, f=52.8 to 79.1mm			
	NP21ZL: F=1.85 to 2.48, f =78.5 to 121.9mm		NP21ZL-4K: F=1.85 to 2.48, f =78.5 to 121.9mm			
	Shift	Motorized +0.59 vertical, +/-28 horizontal			+50/-10% Vertical, +/-30% Horizontal	
Keystone Correction		+/- 40° horizontal, +/- 40° vertical			+/- 60° horizontal, +/- 40° vertical	
Synchronization Range	Horizontal	Analog: 15-100kHz, Digital: 15-153kHz				
	Vertical	Analog: 48-120Hz, Digital: 24-120Hz				
Supported Video Standards		NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM				
SD/HD Video Signal Compatibility						
PC Signal Compatibility						
Macintosh Compatibility		Yes				
Input/Output Terminals	RGB1 (analog)				VGA 15 pin D-sub, Component video using ADP-CV1E adapter	
	RGB2 (analog)	5-BNC			5-BNC	
	RGB1 (Digital)				HDMI (V2.0) w/HDCP (V1.4/2.2) - 4096 x 2160 @ 60p, 12 bit 4:4:4	
	RGB2 (digital)	HDMI (V1.4) w/HDCP			HDMI (V2.0) w/HDCP (V1.4/2.2)	
	RGB3 (digital)	DisplayPort w/HDCP			DisplayPort w/HDCP (V1.4)	
	RGB4 (digital)	HDBaseT			DVI-D w/HDCP (V1.4/2.2)	
	RGB5 (digital)				HDBaseT w/HDCP (V1.4/2.2) - 4096 x 2160 @ 60p, 8 bit 4:2:0	
	RGB6 (digital)				Quad 3G-SDI	
	Option Slot	OPS				
	Video					
	Audio 1					
	Audio 2					
	Audio Out					
	Monitor Out	HDMI (V1.4) w/HDCP			VGA 15 pin D-sub	
USB Type A						
USB Type A (behind cover)						
USB Type B (behind cover)						
Wired LAN port						
3D Sync Line		3Pin D			BNC	
Audio						
External Control		RS-232, IR, HDBaseT, Stereo Mini , RJ-45		RS-232, IR, HDBaseT, Stereo Mini	RS-232, IR, DDC/CI	
Sync Compatibility		Separate Sync / Composite Sync / Sync on G				
Power Requirements		100 – 240V AC, 50/60Hz			200 – 240V AC, 50/60Hz	
Input Current		9.4A - 3.8A	11.8A - 5.2A	12.5A - 5.5A	8.7A	
Power Consumption		874W/456W/4.3W/0.18W	1220W/625W/4.3W/0.2W	1181W/658W/0.88W/0.5W	1922W / 1779W / 1461W / 4.8W / 0.4W	
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear				
Dimensions (WxDxH)		19.7 x 22.8 x 8.5 in. / 500 x 583 x 216mm			20.9 x 10.8 x 29.4 in. / 530 x 275 x 748 mm	
Net Weight		61.7 lbs. / 28.0 kg	63.9 lbs. / 29.0 kg	68.8 lbs. / 31.2 kg	112.4 lbs. / 67 kg	
Fan Noise		40 dB normal / 35 dB eco	42 dB normal / 37 dB eco	42 dB normal / 39 dB eco	45 dB normal	
Regulations		USA: UL(UL60950-1, Laser + Lamp (IEC60825-1 + IEC62471), FCC Part15 Class A Canada: CUL(UL60950-1, Laser + Lamp (IEC60825-1 + IEC62471), ICES-003 Class A				
Operating Temperature		41° – 104°F / 5° – 40°C				
Humidity		20-80% non-condensing				
Storage		14° – 122°F / -10° – 50°C				

		PH2601QL	PH3501QL	
Display Technology		0.65" DMD		
Light Output (lumens)		26,000 normal / Eco = variable	35,000 normal / Eco = variable	
Resolution	Native	DC4K 4096 x 2160		
	Maximum	4K 4096 x 2160		
Contrast Ratio (up to)		2,000:1 with dynamic contrast		
Lamp Life (up to)		20,000 hours		
Screen Size (diagonal)		50 to 500 in. / 1.27 to 12.7m		
Throw Ratio	L2K-10F1: 0.93:1			
	L4K-11ZM: 1.24 - 1.73:1			
	L4K-15ZM: 1.52 - 2.10:1			
	L4K-20ZM: 1.98 - 3.34:1			
	L2K-30ZM: 2.71 - 3.92:1			
	L2K-43ZM1: 3.91 - 5.52:1			
Projection Distance		2.5 to 68.5 ft. / 0.74 to 20.9m		
Projection Angle		10.3 to 10.8° tele / 13.7 to 14.5° wide		
Lens	Zoom	Motorized		
	Zoom Ratio	Variable		
	Focus	Motorized		
	F-number, f-number	L2K-10F1: F=2.5, f= 28.95mm		
		L4K-11ZM: F=2.5, f= 38.5 to 53.7mm		
		L4K-15ZM: F=2.5, f= 47.5 to 65.6mm		
		L4K-20ZM: F=2.5, f= 61.4 to 105.2mm		
		L2K-30ZM: F=2.5, f= 85.0 to 121.6mm		
		L2K-43ZM1: F=2.5, f= 122.8 to 172.3mm		
	L2K-55ZM1: F=2.5, f= 156.5 to 243.1mm			
L2K-10F1:				
L4K-11ZM:		Motorized +/-0.27 Vertical, +/-0.08 Horizontal		
L4K-15ZM:				
L4K-20ZM:				
L2K-30ZM:		Motorized +/-0.17 Vertical, +/-0.50 Horizontal		
L2K-43ZM1:				
L2K-55ZM1:		Motorized +/-0.31 Vertical, +/-0.10 Horizontal		
Keystone Correction		+/- 40° horizontal, +/- 40° vertical		
Synchronization Range	Horizontal	Analog: 15-100kHz, Digital: 15-153kHz		
	Vertical	Analog: 48-120Hz, Digital: 24-120Hz		
Supported Video Standards		NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM		
SD/HD Video Signal Compatibility				
PC Signal Compatibility				
Macintosh Compatibility		Yes		
Input/Output Terminals	RGB1 (analog)	VGA 15 pin D-sub, Component video using ADP-CV1E adapter		
	RGB2 (analog)	5-BNC		
	RGB1 (Digital)	HDMI (V2.0) w/HDCP (V1.4/2.2) - 4096 x 2160 @ 60p, 12 bit 4:4:4		
	RGB2 (digital)	HDMI (V2.0) w/HDCP (V1.4/2.2) - 4096 x 2160 @ 60p, 12 bit 4:4:4		
	RGB3 (digital)	DisplayPort w/HDCP (V1.4) - 4096 x 2160 @ 60p, 12 bit 4:4:4		
	RGB4 (digital)	DisplayPort w/HDCP (V1.4) - 4096 x 2160 @ 60p, 12 bit 4:4:4		
	RGB5 (digital)	HDBaseT w/HDCP (V1.4/2.2) - 4096 x 2160 @ 60p, 8 bit 4:2:0		
	RGB6 (digital)	Quad 3G-SDI		
	Option Slot			
	Video			
	Audio 1			
	Audio 2			
	Audio Out			
	Monitor Out	HDMI (V1.4) w/HDCP		
USB Type A				
USB Type A (behind cover)				
USB Type B (behind cover)				
Wired LAN port				
3D Sync Line		15 pin		
Audio				
External Control		RS-232, IR, HDBaseT, Stereo Mini , RJ-45		
Sync Compatibility		Separate Sync / Composite Sync / Sync on G		
Power Requirements		220 - 240V AC, 50/60Hz Single Phase		
Input Current		30A		
Power Consumption		3665W / 205W	4705W / 205W	
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear		
Dimensions (WxDxH)		27.4 x 46.5 x 17.9 in. / 697 x 1180 x 455mm		
Net Weight		372.6 lbs. / 169 kg	317.6 lbs. / 144 kg	
Fan Noise		55 dB normal		
Regulations		UL60950-1 (2nd)/ FCC Part15 Class A (Marking: UL) CSA60950-1 / ICES-003 Class A (Marking: CAN ICES-38(A)/NMB-38(A)) EN60950-1/EN55022 Class A,EN55032 Class A,EN55024, EN61000-3-2/-3-3/-3-11/-3-12 (Marking CE) IEC60825-1 Edition3 2014 : Class1, IEC62471 2006 : RG3, FDA(21 CFR 1040.10 and 1040.11) IEC60825-1 Edition3 2014 : Class1, IEC62471 2006 : RG3		
Operating Temperature		41° – 104°F / 5° – 40°C		
Humidity		20-80% non-condensing		
Storage		14° – 122°F / -10° – 50°C		

3D Reform, Advanced AccuBlend, AutoSense and ECO Mode are trademarks of NEC Display Solutions. HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change.