

## Specifications

### Main unit

Power supply		AC 100 V–240 V, 50 Hz/60 Hz
Power consumption		NORMAL: 420 W (4.2 A), ECO: 255 W, QUIET: 196 W During Standby: Approx. 37 W (When [Standby Mode] is set to [Normal], and the [USB Power]/[Audio Out]/[Speaker]/[Computer Out] /[Quick Startup] functions are in use) Approx. 2 W (When [Standby Mode] is set to [Normal], network function is used, and the [USB Power]/[Audio Out]/[Speaker]/[Computer Out]/[Quick Startup] functions are not in use Approx. 0.5 W (When [Standby mode] is set to [Eco])
BTU value		Max 1,433 BTU
DLP™ chip	Panel size	17.0 mm (0.67 in) diagonal (16:10 aspect ratio)
	Projection system	DLP™ chip x 1, DLP™ system
	Pixels	2,304,000 (1920 x 1200)
Light source		Light Emitting Diode
Light output*1		3,500 lm (When [Light power] is set to [Normal] and [Picture Mode] is set to [Dynamic]) 2,600 lm (When [Light power] is set to [Eco] and [Picture Mode] is set to [Dynamic]) 2,100 lm (When [Light power] is set to [Quiet] and [Picture Mode] is set to [Dynamic])
Time until light output declines to 50 %*2		20,000 hours or more (NORMAL) <i>Conditions: Content is IEC62087: 2008 Broadcast contents, temperature at 30 degrees Celsius, altitude 1,400 m or less, dust environment 0.15 mg/m<sup>3</sup>.</i>
Resolution		1920 x 1200 pixels
Contrast ratio*1		30,000:1 (When [Light power] is set to [Normal] and [Picture Mode] is set to [Dynamic])
Screen size		1.02 m–7.62 m (40–300 inches) diagonally, 16:10 aspect ratio
Center to corner zone ratio*1		90 %
Lens		Manual zoom (1.3x), manual focus F 1.7–1.86, f 19.03 mm–24.95 mm (throw ratio: 1.28–1.69:1)
Compatible signal	HDMI signal input	<ul style="list-style-type: none"> <li>● Displayable resolution for movie-based signals: 480i/576i*3 to 1920 x 1080</li> <li>● Displayable resolution for still image signals: 640 x 480 to 1920 x 1200 (non-interlaced)</li> <li>● Dot clock frequency: 25 MHz to 162 MHz</li> </ul>
	RGB signal input	<ul style="list-style-type: none"> <li>● Horizontal: 15 kHz–100 kHz, Vertical: 24 Hz–120 Hz</li> <li>● Dot clock frequency: 162 MHz or less</li> </ul>
	YPbPr/YCbCr signal input	<ul style="list-style-type: none"> <li>● Displayable resolution: 480i/576i to 1920 x 1080</li> <li>● Dot clock frequency: 148.5 MHz or less</li> </ul>
	Video signal input	<ul style="list-style-type: none"> <li>● Horizontal: 15.73 kHz, Vertical: 59.94 Hz</li> <li>● Horizontal: 15.63 kHz, Vertical: 50.00 Hz</li> </ul>
Keystone correction range		Vertical: ±30 °
Lens shift (from the origin point of the lens mounter)		Vertical: +50 %, +40 %
Installation		Front, Rear, Front Ceiling, Rear Ceiling
Speaker		10 W x 1 (Monaural)
Terminals	HDMI IN 1/ HDMI IN 2	2 (HDMI 19-pin, HDCP 1.4 compatible, Deep Color support, Supralok/LockIt compatible) Audio signal Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
	COMPUTER 1 IN/ COMPUTER 2 IN	2 (High-density D-sub 15-pin female) RGB signal 0.7 V [p-p] 75 Ω (When G-SYNC: 1.0 V [p-p] 75 Ω) HD/SYNC: TTL high impedance, positive/negative polarity, compatible with VESA Standard VD: TTL high impedance, positive/negative polarity, compatible with VESA Standard HD/SYNC and VD do not support 3 value SYNC. YPbPr signal Y: 1.0 V [p-p] including synchronization signal, PbPr: 0.7 V [p-p] 75 Ω
	COMPUTER OUT	1 (High-density D-sub 15-pin female) RGB signal 0.7 V [p-p] 75 Ω (When G-SYNC: 1.0 V [p-p] 75 Ω) HD/SYNC: TTL high impedance VD: TTL high impedance HD/SYNC and VD do not support 3 value SYNC. YPbPr signal Y: 1.0 V [p-p] including synchronization signal, PbPr: 0.7 V [p-p] 75 Ω
	VIDEO IN	1 (Pin jack 1.0 V [p-p] 75 Ω)
	AUDIO 1 IN/ AUDIO 2 IN	2 (M3 stereo mini jack, 0.5 V [rms], input impedance 22 kΩ and more)
	VARIABLE AUDIO OUT	1 (M3 stereo mini jack, monitor output and stereo compatible, 0 V [rms] to 2.0 V [rms] variable, output impedance 2.2 kΩ and less)
	Micro USB	1 (For service use)
	DC OUT	1 (USB connector [type A], for power supply [DC 5 V, maximum 2 A])
	SERIAL IN	1 (D-sub 9-pin female, RS-232C compliant, for computer control use)
	LAN	1 (for RJ-45 network connection, PJLink™ [Class 1] compatible, 10Base-T/100Base-T)

Power cord length		1.8 m (5 ft 11 in)	
Cabinet materials		Molded plastic	
Dimensions (W x H x D)*4		375 x 124 x 314 mm (14-3/4 x 4-7/8 x 12-3/8 inches) (including protruding parts)	
Weight*5		Approx. 6.7 kg (14.77 lbs)	
Operating noise*1		35 dB (Normal)/27 dB (Eco)/24 dB (Quiet)	
Operating environment	Operating environment temperature*6	When [Light Power] is set to [Normal]	0 °C (32 °F) to 40 °C (104 °F) Altitude: below 1,400 m (4,593'); [High Altitude]: [Off]
			0 °C (32 °F) to 35 °C (95 °F) Altitude: 1,400 m (4,593') – 2,100 m (6,890'); [High Altitude]: [High 1]
			0 °C (32 °F) to 35 °C (95 °F) Altitude: 2,100 m (6,890') – 2,700 m (8,858'); [High Altitude]: [High 2]
		When [Light Power] is set to [Eco] or [Quiet]	0 °C (32 °F) to 40 °C (104 °F) Altitude: below 1,400 m (4,593'); [High Altitude]: [Off]
0 °C (32 °F) to 35 °C (95 °F) Altitude: 1,400 m (4,593') – 2,700 m (8,858'); [High Altitude]: [High]			
0 °C (32 °F) to 35 °C (95 °F) Altitude: 2,700 m (8,858') – 4,200 m (13,780'); [High Altitude]: [High]			
	Operating environment humidity	20 % to 80 % (no condensation)	
LED Classification	Risk Group	Risk Group 2 (IEC 62471-5:2015)	

Remote control unit

Power supply	3 V DC (AAA/R03/LR03 battery x 2)
Operation range	Approx. 8 m (26 ft 3 in) (when operated directly in front of signal receptor)
Dimensions (W x H x D)	38 x 125 x 20 mm (1-1/2 x 4-29/32 x 25/32 in)
Weight	Approx. 40 g (1.4 ozs) (not including batteries)

Supplied accessories

- Wireless remote control unit (x 1)
- Power cord (1.8 m [5 ft 11 in] x 1)
- Batteries for remote control (R03/AAA type x 2)
- Lens cap string (x 1)
- Lens cap (x 1)
- Computer VGA cable (1.8 m [5 ft 11 in] x 1)

Optional accessories

- Ceiling Mount Bracket ET-PKL100H (for high ceilings)
- Ceiling Mount Bracket ET-PKL100S (for low ceilings)
- Ceiling Mount Bracket ET-PKV400B (Projector Mount Bracket)
- Early Warning Software ET-SWA100/105 series\*

\*The suffix of the Model No. differs according to the license type.

Other applications

- Multi Monitoring and Control Software (for Windows®)

Weights and dimensions shown are approximate. Specifications subject to change without notice.

\*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards.

\*2 Around this time, light output will have decreased by approximately 50 %, IEC62087: 2008 Broadcast contents, under conditions with 30 °C (86 °F), 1,400 m (4,593') above sea level, and 0.15 mg/m<sup>3</sup> of particulate matter. Estimated time until light output declines to 50 % varies depending on environment.

\*3 Pixel-Repitition signal (dot clock frequency 27.0 MHz) only.

\*4 When adjustable feet shortened.

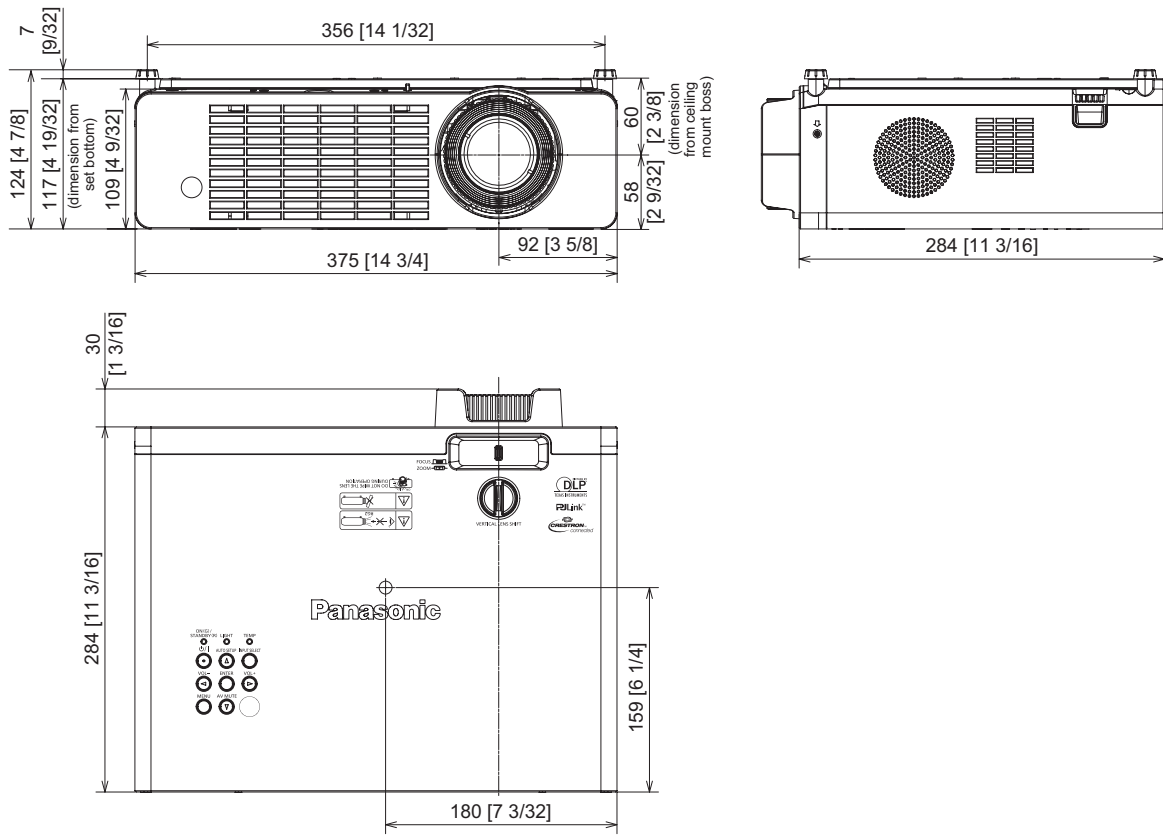
\*5 Average value. May differ depending on models.

\*6 The projector cannot be used at an altitude of 4,200 m (13,780') or higher above sea level.

Note that altitude of 4,200 m (13,780') above sea level is the maximum height that the performance of this projector is guaranteed.

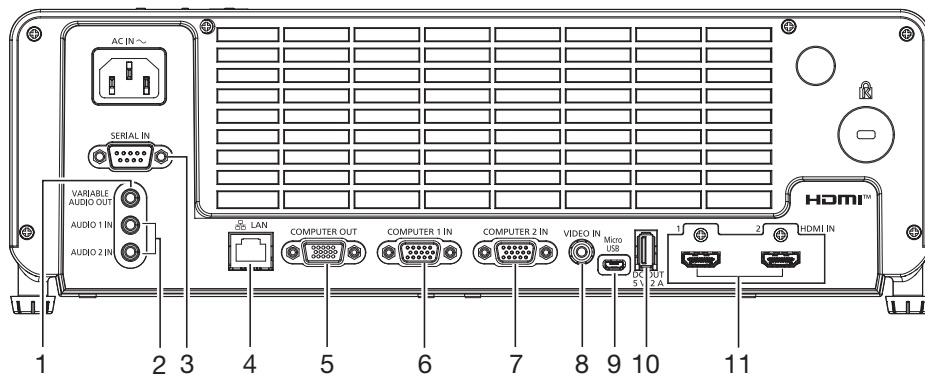
Dimensions

unit: mm (inch)  
NOTE: This illustration is not drawn to scale.



\* Actual dimensions may differ depending on the product.

Terminals



1	VARIABLE AUDIO OUT	7	COMPUTER 2 IN
2	AUDIO 1 IN/AUDIO 2 IN	8	VIDEO IN
3	SERIAL IN	9	Micro USB for service use only
4	LAN	10	DC OUT
5	COMPUTER OUT	11	HDMI IN 1/HDMI IN 2
6	COMPUTER 1 IN		