Panasonic
CONNECT

Your Choice Expands with the RQ7 Series, Making 4K Accessible in Immersive Spaces

PT-RQ7L

Your Choice Expands with the RQ7 Series, Making 4K Accessible in Immersive Spaces

Key Features

Making Immersive 4K Visuals Accessible

Compact Design for an Effortless Workflow

Stable, Reliable, and Efficient Projection

Projector type	1-Chip DLP™ projector
DLP™ Chip	
Panel Size	16.5 mm (0.65 in) diagonal (16:9 aspect ratio)
Display Method	DLP™ chip x 1, DLP™ projection system
Number of Pixels	2,073,600 (1920 x 1080 pixels)
Light Source	Laser diodes
Light Output*1 *2	7,500 lm
Time until light output declines to 50 %*3	20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)
Resolution	4K (3840 x 2160 pixels) (Quad Pixel Drive: ON)
Contrast Ratio*2	15,000:1 (Full On/Full O , Dynamic Contrast [3]) (TBD)
Screen Size (Diagonal)	1.27–5.08 m (50–200 in) with ET-DLE055, 1.27–15.24 m (50–600 in) with ET-DLE060/ET-DLE085/ET-DLE105/ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350, 2.54–8.89 m (100–350 in) with ET-DLE035, 2.54–10.16 m (100–400 in) with ET-DLE020
Center-to-corner zone ratio*2	90%
Lens	Optional (no lens included with this model)
Lens shift | Horizontal(From the origin point of the lens mounter) *4	+30 %, -10 % (with ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350/ET-DLE450); +28 %, -10 % (with ET-DLE085/ET-DLE105); +19 %, -10 % (with ET-DLE060); +10 %, -20 % (with ET-DLE020)(TBD)
Keystone Correction Range	TBD
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals | HDMI™ IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input5)
Terminals | Serial In	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals | Serial Out	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
Terminals | Remote In	M3 stereo mini-jack x 1 for wired remote control
Terminals | Remote Out	M3 stereo mini-jack x 1 for link control (for wired remote control)
Terminals | DIGITAL LINK/LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p5, 6 signal input)
Terminals | LAN	RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Terminals | USB	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory (dual-use with DC OUT terminal)
Terminals | DC Out	USB Type A x 1 (for power supply, DC 5 V, 2 A)
Terminals | Expansion Slot	Open slot for function boards, Intel® SDM compatible
Protocol versions	IPv4, IPv6*7
Power Supply	AC 100–240 V, 50/60 Hz
Maximum power consumption*8	720 W (7.3–3.3A) (730 VA) (TBD)
On-mode power consumption (Operating mode) *8	
NORMAL	570 W (TBD)
ECO	440 W (TBD)
QUIET	435 W (TBD)
Operation Noise*2	36 dB (NORMAL/ECO), 33 dB (QUIET) (TBD)
Cabinet Materials	Molded plastic
Dimensions (W x H x D)	Approx. 498 x 170 x 440 mm (19 19/32″ x 6 11/16″ x 17 5/16″) (With legs at shortest position, excluding lens and protruding parts) (TBD)
Weight *9	18.0 kg (39.7 lbs) or less (TBD)
Operating Environment	Operating temperature: 0–45 ℃ (32–113 ℉)10, operating humidity: 10–80 % (no condensation)
Applicable Software	Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System11, Geometry Manager Pro, Smart Projector Control for iOS/Android™
Control function via LAN	Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2)

Note	1 When ET-DLE170 is attached. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]2 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. 3 Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2]). Estimated time until light output declines to 50 % varies depending on environment.4 Cannot be used when ET-DLE035 is installed. 5 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ7L/RZ6L. 6 Supports YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. 7 Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 8 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft). 9 Average value. May di er depending on the actual unit. 10 When the optional AJ-WM50 Series wireless module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). Note that the projector cannot be used at altitudes 2,700 m (8,858 ft) or higher above sea level. In the following operating environments, light output may be reduced to protect the projector: when the projector is used at altitudes below 700 m (2,297 ft) and ambient temperature is 38 °C (100 °F) or higher; when the projector is used at altitudes between 700 m (2,297 ft) and 1,400 m (4,593 ft) exclusive and ambient temperature is 36 °C (97 °F) or higher; when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,100 m (6,890 ft) exclusive and ambient temperature is 34 °C (93 °F) or higher; and when the projector is used at altitudes between 2,100 m (6,890 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 32 °C (90 °F) or higher. 11 PT-RQ7L/RQ6L only.