

Premium Portables Bring Bright, Wireless*¹ Projection to the Office and Classroom with No Mess and No Stress



PT-VZ580 Series						
	PT-VZ585N	PT-VZ580	PT-VW545N	PT-VW540	PT-VX615N	PT-VX610
Brightness	5,000 lm		5,300 lm		5,500 lm	
Resolution	WUXGA		WXGA		XGA	
Contrast	10,000:1					
Wireless LAN	Yes	—	Yes	—	Yes	—
DIGITAL LINK	Yes	—	Yes	—	Yes	—

High Brightness and Great Pictures in an Eco-friendly Design

- Bright, Large-format Image Projection at Up to 5,500 lm (VX615N/VX610)
- Pin-sharp WUXGA Resolution for Full HD Video via PC (VZ585N/VZ580)
- Lamp and Filter*² Replacement Timing Extended to 7,000 hours*³
- Mechanical Iris Enables 10,000:1 Dynamic Contrast for Text Legibility, Clearer Graphics, and Naturally Balanced Image Quality
- Daylight View Basic Technology Senses Ambient Light for Optimal Pictures in Bright Environments
- Color Adjustment and Color Correction Functions Enhance Image Consistency Across Screens in Multi-unit Applications
- ECO Lamp Power Modes for Efficiency and Eco-friendly Projector Design

Wireless and Wired Network Functions

- Supports Panasonic Apps for Wireless Media Casting from Android™ and iOS Mobiles*¹
- Supports Miracast with Meeting Mode and Cut-in Mode for Collaborative or Managed Presentations*⁴
- Supports Wireless Manager ME for Wired or Wireless Connection with Windows® PC and Mac Screen Images*¹
- QR Code Display Function Simplifies Wireless Connection to Supported Smartphones and Tablets*¹
- Compatible with IEEE802.1x Protocol (EAP over LAN) for Secure Network Connection*¹
- Compatible with Crestron Connected™, AMX® Device Discovery, and PLink™ Protocols Over LAN for Control Integration

Simple, Versatile Connectivity and Operation

- DIGITAL LINK*¹ Single-cable*⁵ LAN Connection for Long-distance Video and Control Signal Transmission Up to 150 m (492 ft)*⁶
- Vertical Lens-shift Function Adjusts Images On Screen Without Distortion
- Corner Keystone Correction Image Alignment for Off-axis Projection
- Curved Screen Correction for Projection Onto Curved Screen Surfaces
- Optional Early Warning Software to Monitor Device Status and Send Alerts if Abnormalities are Detected
- Quiet 29 dB*⁷ Operation Minimizes Distractions in Quiet Rooms
- Built-in 10 W Monaural Speaker
- Direct Power Off Function Allows Projector Shutdown from Mains

*¹ PT-VZ585N/VW545N/VX615N only. *² Filter can be washed and reused twice. If the filter is not sufficiently clean after washing, replacement is advised. Please consult user manual for further information. *³ Approximate maximum value with Lamp Mode set to Eco. *⁴ PT-VZ585N/VW545N/VX615N only. Miracast-compatible source device required. *⁵ STP cable CAT 5e or higher required. *⁶ 150 m (492 ft) transmission available only with ET-YFB200G DIGITAL LINK Switcher for signals up to 1080/60p (dot clock frequency 148.5 MHz) in Long Reach Mode. *⁷ With Lamp Mode set to ECO2. 37 dB in Normal/ECO1 Mode.

Specifications (Tentative)

Model	PT-VZ585N	PT-VZ580	PT-VW545N	PT-VW540	PT-VX615N	PT-VX610	
Power supply	AC 120 V, 50/60 Hz (North America), AC 110 V, 60 Hz (Taiwan), AC 100–240 V, 50/60 Hz (other countries)						
Power consumption	TBD						
Standby power consumption	Standby Mode (ECO)*1	TBD					
	Standby Mode (Normal)	TBD					
LCD panel	Panel size	0.64 inches (1.63 cm) (16:10 aspect ratio)			0.63 inches (1.60 cm) (4:3 aspect ratio)		
	Display method	Transparent LCD panel (× 3, R/G/B)					
	Pixels	2,304,000 (1920 × 1200) × 3, total of 6,912,000 pixels		1,024,000 (1280 × 800) × 3, total of 3,072,000 pixels		786,432 (1024 × 768) × 3, total of 2,359,296 pixels	
Lens	1.6x manual zoom (throw ratio: 1.1–1.8:1), manual focus F 1.60–2.12, f 15.30–24.64 mm					1.6x manual zoom (throw ratio: 1.2–1.9:1), manual focus F 1.60–1.90, f 15.31–24.64 mm	
Lamp	280 W UHM lamp × 1						
Screen size (diagonal)	30–300 inches						
Brightness*2	5,000 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)		5,300 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)		5,500 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)		
Center-to-corner uniformity*2	85 %						
Contrast*2	10,000:1 (all white/all black) (input signal: PC, lamp power: Normal, picture mode: Dynamic, Iris: On)						
Resolution	1920 × 1200 pixels		1280 × 800 pixels (Input signals that exceed this resolution will be converted to 1280 × 800 pixels.)		1024 × 768 pixels (Input signals that exceed this resolution will be converted to 1024 × 768 pixels.)		
Scanning frequency	HDMI	480/60*, 576/50*, 480/60p, 576/50p, 720/60p, 720/50p, 1080/24p, 1080/24sf, 1080/25p, 1080/30p, 1080/60p, 1080/50p, 1080/60i, 1080/50i					
	RGB (analog)	fh: 15 kHz – 91 kHz, fv: 24 Hz – 100 Hz, dot clock: 162 MHz or lower					
	YPbPr (YCbCr)	fh: 15.73 kHz, fv: 59.94 Hz [480/60], fh: 15.63 kHz, fv: 50 Hz [576/50], fh: 31.47 kHz, fv: 59.94 Hz [480/60p], fh: 31.25 kHz, fv: 50 Hz [576/50p], fh: 45.00 kHz, fv: 60 Hz [720/60p], fh: 37.50 kHz, fv: 50 Hz [720/50p], fh: 27.00 kHz, fv: 24 Hz [1080/24p], fh: 27.00 kHz, fv: 48 Hz [1080/24sf], fh: 28.13 kHz, fv: 25 Hz [1080/25p], fh: 33.75 kHz, fv: 30 Hz [1080/30p], fh: 67.50 kHz, fv: 60 Hz [1080/60p], fh: 56.25 kHz, fv: 50 Hz [1080/50p], fh: 33.75 kHz, fv: 60 Hz [1080/60], fh: 28.13 kHz, fv: 50 Hz [1080/50]					
	Video	fh: 15.73 kHz/15.63 kHz, fv: 59.94 Hz/50 Hz (NTSC/NTSC4.43/PAL/PAL60/PAL-N/PAL-M/SECAM)					
Optical axis shift	Vertical 0–+44 % from center of screen (manual), U/D ratio on top end: 17:1				Vertical 0–+40 % from center of screen (manual), U/D ratio on top end: 9:1		
Keystone correction range	Vertical: maximum ±25° (auto/manual, input: WUXGA), Horizontal: maximum ±30° (manual, input: WUXGA)		Vertical: maximum ±35° (auto/manual, input: WXGA), Horizontal: maximum ±35° (manual, input: WXGA)		Vertical: maximum ±35° (auto/manual, input: XGA), Horizontal: maximum ±35° (manual, input: XGA)		
Installation	Front ceiling / Front desk / Rear ceiling / Rear desk						
Terminals	HDMI IN: HDMI 19-pin × 2 (Deep Color, compatible with HDCP), audio signal: Linear PCM [sampling frequency: 48 kHz/44.1 kHz/32 kHz]						
	COMPUTER IN 1: D-sub 15-pin (female) × 1 (RGB/Y • Pb (Cb) • Pr (Cr))						
	COMPUTER IN 2/MONITOR OUT: D-sub 15-pin (female) × 1 (RGB/Y • Pb (Cb) • Pr (Cr) (input/output switching))						
	VIDEO IN: Pin jack × 1						
	AUDIO IN 1: M3 jack (L/R) × 1						
	AUDIO IN 2: M3 jack (L/R) × 1						
	AUDIO IN 3: Pin jack (L/R) × 1						
	AUDIO OUT: M3 jack (L/R) × 1 (monitor out: variable)						
	SERIAL IN: D-sub 9-pin (female) × 1 for external control (RS-232C compliant)						
	USB A: Type A for Memory Viewer x 1		USB : Type A for DC output x 1 (for power supply, DC 5V, max. 2A)		USB A: Type A for Memory Viewer x 1		USB : Type A for DC output x 1 (for power supply, DC 5V, max. 2A)
USB B: Type B for USB Display x 1		—		USB B: Type B for USB Display x 1		—	
LAN/DIGITAL LINK: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™		LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™		LAN/DIGITAL LINK: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™		LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™	
LAN/DIGITAL LINK: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™		LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™		LAN/DIGITAL LINK: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™		LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™	
Built-in speaker	4.0 cm (1 1/16") round shape × 1, output power: 10 W (monaural)						
Operating noise*2	37 dB (lamp power: Normal/ECO1), 29 dB (lamp power: ECO2)						
Cabinet materials	Molded plastic						
Dimensions (W × H × D)	389 × 125*5 × 332 mm (15 5/16" × 4 29/32" × 13 1/16")						
Weight*4	Less than 5 kg (11.0 lbs.)						
Operating environment	Operating temperature: 0–40 °C (32–104 °F)*6 (altitude: less than 1,200 m [3,937 ft]), 0–30 °C (32–86 °F) (altitude: 1,200–2,700 m [3,937–8,858 ft]), Operating humidity: 20–80 % (no condensation)						
Supplied accessories	Wireless remote control unit × 1, Power cord with power cord holder × 1 (× 2 for UK and Asia), Software CD-ROM × 1 (Operating instructions, Multi Monitoring and Control Software, Logo Transfer Software, Wireless Manager ME software [PT-VZ585N/VW545N/VX615N only]), Batteries (AAA type × 2), RGB cable, Lens cap × 1						
Built-in wireless LAN (PT-VZ585N/VW545N/VX615N)	Standard: 2.4 GHz: IEEE802.11b/g/n, 5.0 GHz: IEEE802.11a/n Infrastructure Mode: WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), 128-bit/64-bit WEP, WPA-EAP/WPA2-EAP (PEAP [MS-CHAPv2/GTC]/EAP-FAST [MS-CHAPv2/GTC]/EAP-TLS [MD5/MS-CHAPv2]), 128-bit/64-bit, Miracast						

*1 When the Standby Mode is set to ECO, network functions such as Power On via LAN will not operate. Also, only certain commands can be received for external control using the serial terminal. *2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *3 Pixel-repetition signal (dot clock frequency: 27.0 MHz) only. *4 Average value. May differ depending on the actual unit. *5 With legs at shortest position. *6 When operating temperature is between 35 °C (95 °F) and 40 °C (104 °F), lamp power automatically switches to Eco in order to protect the projector.

Optional Accessories

■ High-Ceiling Mount Bracket
ET-PKL100H

■ Bracket Assembly
ET-PKV400B

■ Replacement Filter Unit
ET-RFV410

■ DIGITAL LINK Switcher
ET-YFB200G

■ Easy Wireless Stick
ET-UW100*

■ Low-Ceiling Mount Bracket
ET-PKL100S

■ Replacement Lamp Unit
ET-LAV400

■ Early Warning Software
ET-SWA100 Series

■ Digital Interface Box
ET-YFB100G

* Availability depends on region.

Panasonic®

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. PjLink™ is a registered trademark or pending trademark in Japan, the United States, and other countries and regions. All other trademarks are the property of their respective trademark owners. © 2017 Panasonic Corporation. All rights reserved.



For more information about Panasonic projectors, please visit:
Projector Global Website – panasonic.net/avc/projector
Facebook – www.facebook.com/panasonicprojector
YouTube – www.youtube.com/user/PanasonicProjector

All information included here is valid as of February 2017.

PT-VZ580PRE1 Printed in Japan.