


5 YEAR/
10,000 HOUR
WARRANTY

LOW
MAINTENANCE

MERCURY
FREE



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* Whichever comes first

Model	Core				Large Venue	UST	Advanced				Slim Series				
Specification	XJ-V2	XJ-V10X	XJ-V100W	XJ-V110W	XJ-L8300HN	NEW XJ-UT331X	XJ-UT311WN	XJ-UT351WN	XJ-F10X	XJ-F20XN	NEW XJ-F100W	XJ-F210WN	XJ-A142 XJ-A147	XJ-A252 XJ-A257	
Technology	XCA 0.55" DLP* chip	XCA 0.55" DLP* chip	WXGA 0.65" DLP* chip	WXGA 0.65" DLP* chip	4K UHD DLP* chip	XCA 0.55" DLP chip	WXGA 0.65" DLP chip	WXGA 0.65" DLP chip	XCA 0.55" DLP chip	XCA 0.55" DLP chip	WXGA 0.65" DLP chip	WXGA 0.65" DLP chip	XCA 0.55" DLP* chip	WXGA 0.65" DLP* chip	
Light Source	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	
Life Expectancy	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	
Brightness (ANSI Lumens)	3,000	3,300	3,000	3,500	5,000	3,300	3,100	3,500	3,300	3,300	3,500	3,500	2,500	3,000	
Intelligent Brightness Control	-	Available (Manual)	Available (Manual)	Available (Manual)	-	Available (Manual)	Available (Manual)	Available (Manual)	Available (Auto / Manual)	Available (Auto / Manual)	Available (Auto / Manual)	Available (Auto / Manual)	Available (Auto / Manual)	Available (Auto / Manual)	
Contrast Ratio	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	20,000:1	1,800:1	1,800:1	
Native Resolution	XGA (1024x768 pixels)	XGA (1024x768 pixels)	WXGA (1280x800 pixels)	WXGA (1280x800 pixels)	4K UHD (3840x2160 pixels)	XGA (1024x768 pixels)	WXGA (1280x800 pixels)	WXGA (1280x800 pixels)	XGA (1024x768 pixels)	XGA (1024x768 pixels)	WXGA (1280x800 pixels)	WXGA (1280x800 pixels)	XGA (1024x768 pixels)	WXGA (1280x800 pixels)	
Max Signal Resolution	LUXGA / WSXGA+	WUXGA	WUXGA	WUXGA	WUXGA	WUXGA	WUXGA	WUXGA	WUXGA	WUXGA	WUXGA	WUXGA	LUXGA / WSXGA+	LUXGA / WSXGA+	
Lens	Standard zoom	11x optical zoom (manual)	15x optical zoom (manual)	15x optical zoom (manual)	15x optical zoom (manual)	Fixed	Fixed	Fixed	15x optical zoom (manual)	15x optical zoom (manual)	15x optical zoom (manual)	15x optical zoom (manual)	2x optical zoom (electronic)	2x optical zoom (electronic)	
	Focus	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Electronic	Electronic	
	Offset	72%	50%	33%	33%	100%	70%	70%	70%	50%	50%	33%	50%	33%	
Fan Noise	35dB (default)	35dB (default)	35dB (default)	35dB (default)	Normal mode: 39dB (@25) Eco mode: 36dB (@25) 360degree@Portrait mode: 39dB (@25)	28-40dB (default)	37dB	37dB	35dB (default)	35dB (default)	35dB (default)	35dB (default)	35dB (default)	35dB (default)	
Keystone Correction (Vertical)	+/-30° (Manual)	Auto: +30° (Manual: +30°)	Auto: +30° (Manual: +30°)	Auto: +30° (Manual: +30°)	-	Manual +/- 5°	Manual +/- 5°	Manual +/- 5°	Auto: +30° (Manual: +30°)	Auto: +30° (Manual: +30°)	Auto: +30° (Manual: +30°)	Auto: +30° (Manual: +30°)	+/- 30° (Auto)	+/- 30° (Auto)	
Screen Size (diagonally)	30 - 300"	30 - 300"	35 - 300"	35 - 300"	95 - 200"	40 - 100"	50 - 110"	50 - 110"	30 - 300"	30 - 300"	35 - 300"	35 - 300"	15 - 300"	18 - 300"	
Throwing Distance	60" screen	1.79 to 1.99m	1.95 to 2.87m	1.64 to 2.42m	1.64 to 2.42m	2.89m to 4.25m (95" screen)	0.2m	0.13m	1.95 to 2.87m	1.95 to 2.87m	1.64 to 2.42m	1.64 to 2.42m	1.7m to 3.4m	1.4m to 2.8m	
	100" screen	3.07 to 3.41m	3.33 to 4.85m	2.81 to 4.11m	2.81 to 4.11m	6.09m to 8.96m (200" screen)	0.52m	0.4m	3.33 to 4.85m	3.33 to 4.85m	2.81 to 4.11m	2.81 to 4.11m	2.8m to 5.6m	2.4m to 4.8m	
Throw Ratio	1.54-1.71:1	1.64-2.46:1	1.32-1.93:1	1.32-1.93:1	1.38-2.02:1	0.35:1	0.28:1	0.28:1	1.66 - 2.42 :1	1.66 - 2.42 :1	1.32-1.93:1	1.32-1.93:1	1.4 - 2.8:1	1.15 - 2.31	
Inputs	Computer	Input	1x15-pin RGB mini D-sub (VGA)	1x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub	2x15-pin RGB mini D-sub	2x15-pin RGB mini D-sub	2x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub (VGA)	1x15-pin RGB mini D-sub (VGA)	
		Output	-	-	-	-	1x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub	1x15-pin RGB mini D-sub	-	-	-	-	
	Digital input	Input	1x HDMI type A (480p-1080p)	1x HDMI type A (480p-1080p)	1x HDMI type A (480p-1080p)	1x HDMI type A (480p-1080p)	1x HDMI Type A (HDMI2.0)/HDCP2.2, 1x HDMI Type A (HDMI1.4)/HDCP1.3	1x HDMI Type A (480p-1080p)	1x HDMI Type A (480p-1080p)	2x HDMI type A (480p-1080p)	2x HDMI type A (480p-1080p)	2x HDMI type A (480p-1080p)	2x HDMI type A (480p-1080p)	1x HDMI type A (480p-1080p)	1x HDMI type A (480p-1080p)
		Video	-	-	-	-	-	1x RCA (composite)	1x RCA (composite)	1x RCA (composite)	1x RCA (composite)	1x RCA (composite)	1x RCA (composite)	1x RCA (composite)	1x RCA (composite)
	S-Video	-	-	-	-	-	1x S-Video	1x S-Video	1x S-Video	1x S-Video	1x S-Video	1x S-Video	1x S-Video	-	
	Component video	YC bCv/YPbPr (Shared with RGB input)	YC bCv/YPbPr (Shared with RGB input)	YC bCv/YPbPr (Shared with RGB input)	YC bCv/YPbPr (Shared with RGB input)	YC bCv/YPbPr (Shared with RGB input)	YC bCv/YPbPr (Shared with RGB input)	YC bCv/YPbPr (Shared with RGB input)	YC bCv/YPbPr (Shared with RGB input)	Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	Via D-Sub 15-pin	Via D-Sub 15-pin
	Audio	Input	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	2x3.5mm stereo mini jack	2x3.5mm stereo mini jack	2x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	-
		RCA R/L terminals	-	-	-	-	-	1x RCA R/L terminals	1x RCA R/L terminals	1x RCA R/L terminals	RCA R/L terminals	RCA R/L terminals	RCA R/L terminals	RCA R/L terminals	-
	Output	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack (Variable audio output)	1x3.5mm stereo mini jack (Variable audio output)	1x3.5mm stereo mini jack (Variable audio output)	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack	1x3.5mm stereo mini jack (Variable audio output)	1x3.5mm stereo mini jack (Variable audio output)	1x3.5mm stereo mini jack (Variable audio output)	1x3.5mm stereo mini jack (Variable audio output)	From HDMI input only	From HDMI input only
	RS-232C serial	1x RS-232C (D-Sub 9pin)	1x RS-232C (D-Sub 9pin)	1x RS-232C (D-Sub 9pin)	1x RS-232C (D-Sub 9pin)	1x RS-232C (D-Sub 9pin)	RS-232C (D-Sub 9 pin)	RS-232C (D-Sub 9 pin)	RS-232C (D-Sub 9 pin)	RS-232C (D-Sub 9pin)x1	RS-232C (D-Sub 9pin)x1	RS-232C (D-Sub 9pin)x1	RS-232C (D-Sub 9pin)x1	YK-60 (optional accessory)	YK-60 (optional accessory)
WLAN	-	-	-	-	-	-	IEEE 802.11 b/g/n (2.4GHz)	IEEE 802.11 b/g/n (2.4GHz)	-	Yes (optional with YW-40 adapter)	-	Yes (optional with YW-40 adapter)	XJ-A147 only	XJ-A257 only	
LAN terminal	-	-	-	-	1x RJ-45	-	1x RJ-45	1x RJ-45	-	1x RJ-45	-	1x RJ-45	-	-	
USB	Micro-USB TypeB X1. For firmware update	Micro-USB TypeB X1. For firmware update	Micro-USB TypeB X1. For firmware update	Micro-USB TypeB X1. For firmware update	1x Type-A/DC 5V 2A	1x Type-A/DC 5V 2A (only for power supply)	1x Type-A/DC 5V 2A	1x Type-A/DC 5V 2A	1x Micro-USB type B. For logo data registration & firmware update	1x Micro-USB type B. For logo data registration & firmware update	1x Micro-USB type B. For logo data registration & firmware update	1x Micro-USB type B. For logo data registration & firmware update	1x USB type A (XJ-A147 only) Micro-USB type B, Logo transfer/Firmware update (XJ-A147 only)	1x USB type A (XJ-A257 only) Micro-USB type B, Logo transfer/Firmware update (XJ-A257 only)	
Interactive pointing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Speaker	-	-	-	-	-	16W x1 Monaural	16W x1 Monaural	16W x1 Monaural	16W x1 Monaural	16W x1 Monaural	16W x1 Monaural	16W x1 Monaural	1W	1W	
Instant Off	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Time to Full Brightness	5 secs	5 secs	5 secs	5 secs	30 secs	5 secs	5 secs	5 secs	5 secs	5 secs	5 secs	5 secs	8 secs	8 secs	
Power Consumption	Eco Off	Bright Mode: 165W Normal Mode: 140W	Bright mode: 180W Normal mode: 155W	Bright mode: 150W Normal mode: 135W	Bright mode: 190W Normal mode: 165W	Bright Mode: 545W Normal Mode: 410W	Bright mode: 210W Normal mode: 180W	Bright mode: 195W Normal mode: 170W	Bright mode: 195W Normal mode: 170W	Bright mode: 195W Normal mode: 170W	Bright mode: 205W Normal mode: 175W	Bright mode: 205W Normal mode: 175W	155W	165W	
	Eco On Level 1	130W	145W	125W	155W	-	170W	160W	185W	160W	160W	165W	115W	120W	
	Standby	0.23W	0.23W	0.23W	0.23W	0.5W	0.23W	0.23W	0.12W	0.23W	0.23W	0.23W	0.4W	0.4W	
Colour	White	White	White	White	White	White	White	White	White	White	White	White	White	White	
Dimensions (W x D x H) mm	270 x 270 x 89	299 x 299 x 97	299 x 299 x 97	299 x 299 x 97	471 x 365 x 206	338 x 333 x 153	338 x 333 x 153	338 x 333 x 153	299 x 299 x 97	299 x 299 x 97	299 x 299 x 97	299 x 299 x 97	297 x 210 x 43	297 x 210 x 43	
Weight	2.9kg	3.5kg	3.5kg	3.5kg	19.8kg	5.7kg	5.7kg	5.7kg	3.8kg	3.8kg	3.8kg	3.8kg	2.3kg	2.3kg	
Box Contents	Wireless remote control (YT-150), Power Cable, Test Batteries (AAA-size x2), User Manual and Safety Precautions, Warranty Card, User Manual	Wireless remote control (YT-151), Power Cable, Test Batteries (AAA-size x2), AC Power Cord, Safety Precautions, Warranty Card, User Manual	Wireless remote control (YT-310), Test batteries (AA-size x2), 1 x AC power cord (3.0m), 2 x Cable tie set, Rubber cap, Safety Precautions, Warranty Card, User Manual	Wireless remote control*, Test Batteries (AAA-size x2), AC Power Cord, Safety Precautions, YW-81 Wall Mount, Warranty Card, User Manual *Remote control is YT-160 for UT331X, YT-131 for UT311WN and UT351WN	Wireless remote control*, Test Batteries (AAA-size x2), AC Power Cord, Safety Precautions, Warranty Card, User Manual *Remote control is YT-151 for F10X and F100W, YT-141 for F20XN and F210WN	Wireless remote control (YT-130), RC8 Cable, Wireless LAN Adapter YW-40 (USB models only), Test Batteries (AAA-size x2), Power Cable, Soft Carry Case, Safety Precautions, Warranty Card, User Manual									

5 YEAR/
10,000 HOUR
WARRANTY

Industry leading warranty
Total peace of mind over the product lifetime

LOW
MAINTENANCE

Quick start and stop
Never replace a lamp or filter again

MERCURY
FREE

Low power consumption
Removing harmful mercury from the environment



MAKE MERCURY HISTORY

The UK government demonstrated its support for the Minamata Convention on Mercury by becoming the 91st country to endorse it in 2018. Not only is Casio helping the environment by reducing power consumption with its Laser and LED hybrid light source, it supports the Minamata Convention on Mercury by denouncing the use of lamp based projectors and encouraging the market to protect students and staff alike by opting for lamp-free projection technology
www.mercuryconvention.org

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*Whichever comes first

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Ultra Short Throw Series

Increased brightness, increased connectivity

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- Up to 3,500 ANSI lumens
- Vertical and horizontal keystone correction for easy install
- XGA and WXGA resolution
- 2 x HDMI
- Dust resistant
- 5 year / 10,000 hour warranty



XJ-UT311WN, XJ-UT331X, XJ-UT351WN

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- 5,000 ANSI lumens
- 4K Ultra HD resolution
- 1.5x optical zoom for easy install
- Lens shift
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- 20,000 hour lifetime
- 5 year / 10,000 hour warranty



XJ-L8300HN