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CASIO Green Technology

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* Whichever comes first

Model			Core				UST	Advanced			Green Slim Series		
Specification			XJ-V1	XJ-V10X	XJ-V100W	XJ-V110W	XJ-UT310WN	XJ-F10X	XJ-F20XN	XJ-F210WN	XJ-A142 XJ-A147	XJ-A242 XJ-A247	XJ-A252 XJ-A257
Technology			XGA 0.55" DLP® chip	XGA 0.55" DLP chip	WXGA 0.65" DLP chip	WXGA 0.65" DLP chip	WXGA DLP® chip	XGA 0.55" DLP chip	XGA 0.55" DLP chip	WXGA 0.65" DLP chip	XGA 0.55" DLP® chip	WXGA 0.65" DLP® chip	WXGA 0.65" DLP® chip
Light Source			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	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
Brightness (ANSI Lumens)			2700	3300	3000	3500	3100	3300	3300	3500	2500	2500	3000
Intelligent Brightness Control			-	Available (Manual)	Available (Manual)	Available (Manual)	Available (Auto / Manual)	Available (Manual)	Available (Manual)	Available (Manual)	Available (Auto / Manual)	Available (Auto / Manual)	Available (Auto / Manual)
Contrast Ratio			20,000:1	20,000:1	20,000:1	20,000:1	1800 : 1	20,000:1	20,000:1	20,000:1	1800:1	1800:1	1800:1
Native Resolution			XGA (1024x768 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)	XGA (1024 x 768 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)
Max Signal Resolution			UXGA / WSXGA+	WUXGA	WUXGA	WUXGA	UXGA / WSXGA+	WUXGA	WUXGA	WUXGA	UXGA / WSXGA+	UXGA / WSXGA+	UXGA / WSXGA+
Lens	Standard zoom		1.1 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	-	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	2x optical zoom (electronic)	2x optical zoom (electronic)	2x optical zoom (electronic)
	Focus		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Electronic	Electronic	Electronic
	Offset		72%	50%	33%	33%	118% (60")	50%	50%	33%	50%	33%	33%
Fan Noise			35dB (default)	35dB (default)	35dB (default)	35dB (default)	33 dB (default) / 28dB	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°)	+/- 5°	Auto : ±30° (Manual : ±30°)	Auto : ±30° (Manual : ±30°)	Auto : ±30° (Manual : ±30°)	+/- 30° (Auto)	+/- 30° (Auto)	+/- 30° (Auto)
Screen Size (diagonally)			30 - 300"	30 - 300"	35 - 300"	35 - 300"	50 - 100"	30 - 300"	30 - 300"	35 - 300"	15 - 300"	18 - 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	0.13m	1.95 to 2.87m	1.95 to 2.87m	1.64 to 2.42m	1.7m to 3.4m	1.4m to 2.8m	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	0.40m	3.33 to 4.85m	3.33 to 4.85m	2.81 to 4.11m	2.8m to 5.6m	2.4m to 4.8m	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	0.28 : 1	1.64-2.46:1	1.64-2.46:1	1.32-1.93:1	1.4 - 2.8:1	1.15 - 2.3:1	1.15 - 2.3:1
Inputs	Computer	Input	1 x 15-pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	2 x 15pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub (VGA)
		Output	-	-	-	-	1 x 15 pin RGB mini D-sub (VGA)	-	-	-	-	-	-
	Digital input		1 x HDMI type A (480p~1080p)	1 x HDMI type A (480p~1080p)	1 x HDMI type A (480p~1080p)	1 x HDMI type A (480p~1080p)	1 x HDMI type A (480p ~1080p)	2 x HDMI type A (480p~1080p)	2 x HDMI type A (480p~1080p)	2 x HDMI type A (480p~1080p)	1 x HDMI type A (480p~1080p)	1 x HDMI type A (480p~1080p)	1 x HDMI type A (480p~1080p)
	Video		-	-	-	-	1 x RCA (composite)	1 x RCA (composite)	1 x RCA (composite)	1 x RCA (composite)	1 x RCA composite (via supplied AV cable)	1 x RCA composite (via supplied AV cable)	1 x RCA composite (via supplied AV cable)
	S-Video		-	-	-	-	1 x S-Video	1 x S-Video	1 x S-Video	1 x S-Video	-	-	-
	Component video		Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	via 2 x D-sub 15-pin	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	Via D Sub 15-pin
	Audio	Input	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	2 x 3.5mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack,	-	-	-
		RCA R/L terminals		-	-	-	RCA pin terminal (L/R) x 1	RCA R/L terminals	RCA R/L terminals	RCA R/L terminals	-	-	-
		Output	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	2 x 3.5mm stereo mini jack, 1 x MIC	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	From HDMI input only	From HDMI input only	From HDMI input only
	RS-232C serial		Yes	Yes	Yes	Yes	1 x 9-pin mini D-sub	Yes	Yes	Yes	YK-60 (optional accessory)	YK-60 (optional accessory)	YK-60 (optional accessory)
	WLAN		-	-	-	-	Yes	-	Yes (optional with YW-40 adapter)	Yes (optional with YW-40 adapter)	XJ-A147 only	XJ-A247 only	XJ-A257 only
	LAN terminal		-	-	-	-	1 x RJ-45	-	1 x RJ-45	1 x RJ-45	-	-	-
	USB		Micro-USB TypeB X 1: For firmware update	Micro-USB TypeB X 1: For firmware update	Micro-USB TypeB X 1: For firmware update	Micro-USB TypeB X 1: For firmware update	1 x USB type A	Micro-USB type B × 1: For logo data registration firmware update	Micro-USB type B × 1: For logo data registration firmware update USB type B × 1	Micro-USB type B × 1: For logo data registration firmware update USB type B × 1	1 x USB type A (XJ-A147 only) Mirco-USB type B, Logo transfer/Firmware update (XJ-A147 only)	1 x USB type A (XJ-A247 only) Mirco-USB type B, Logo transfer/Firmware update (XJ-A247 only)	1 x USB type A (XJ-A257 only) Mirco-USB type B, Logo transfer/Firmware update (XJ-A257 only)
	Interactive pointing		-	-	-	-	2 x USB type B	-	-	-	-	-	-
Speaker			-	-	-	-	16W	16W, Monaural	16W, Monaural	16W, Monaural	1W	1W	1W
Instant Off			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Time to Full Brightness	Max		5 secs	5 secs	5 secs	5 secs	5 secs	5 secs	5 secs	5 secs	8 secs	8 secs	8 secs
Power Consumption	Eco Off		150W	Bright mode: 180W Normal mode: 155W	Bright mode: 150W Normal mode: 135W	Bright mode: 190W Normal mode: 165W	MAX 250W	Bright mode: 195W Normal mode: 170W	Bright mode: 195W Normal mode: 170W	Bright mode: 205W Normal mode: 175W	155W	165W	165W
	Eco On Level 1		120W	145W	125W	155W	185W	160W	160W	165W	115W	120W	120W
	Standby		0.23W	0.23W	0.23W	0.23W	0.4W (LAN off), 4.8W (LAN on)	0.23W	0.23W	0.23W	0.4W	0.4W	0.4W
Colour			White	White	White	White	White	White	White	White	White	White	White
Dimensions (W x D x H) mm			267 x 270 x 89	299 x 299 x 97	299 x 299 x 97	299 x 299 x 97	413 x 333 x 153	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	297 x 210 x 43
Weight			2.8kg	3.5kg	3.5kg	3.5kg	5.7kg	3.5kg	3.5kg	3.5kg	2.3kg	2.3kg	2.3kg
Box Contents			Remote Control (YT-150), Power Cable Test Batteries (AAA-size × 2), Safety Precautions	Remote Control (YT-151),Power Cable Test Batteries (AAA-size × 2), Safety Precautions			Remote Control (YT-140), YW-40 Wireless Adapter, RGB Cable, Power Cable, Set-up Guide, Carrying Bag, YM-80 Wall Mount	Remote Control (YT-141), Power Cable Test Batteries (AAA-size × 2), Safety Precautions			Remote Control (YT-130), RGB Cable, Wireless Adapter (USB models only), Power Cable, Soft Carry Case, User Manual (printed)		

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