

SPECIFICATIONS

	LS425	LS445	HD225	HD1025	XD235	XD1035	XC2055	XC4055
	LOW-COST POWERFUL PERFORMER		BUILT FOR INTERACTIVITY AND 4K		DESIGNED FOR HTML5 ANIMATIONS		REVOLUTIONARY PERFORMANCE ACROSS MULTIPLE SCREENS	
	HD BASIC I/O	4K BASIC I/O	STANDARD I/O	EXPANDED I/O	STANDARD I/O	EXPANDED I/O	MULTIPLEX I/O	MULTIPLEX I/O
HTML5 & VIDEO ENGINE								
HTML5 Performance Level	Mainstream Plays standard HTML widgets & graphic animations		Advanced Plays demanding 2D motion graphics in Full HD with single touch interactivity or modular 2D WebGL assets with multi-touch interactions		Enterprise Powers challenging 2D WebGL motion graphics in Full HD with multi-touch interactions		Expert PC-class power supporting 3D WebGL motion graphics	Elite 2x more powerful than XC2055 supporting 3D WebGL motion graphics with multi-touch interactions
8K60p video decoding							X (8-bit)	X (10-bit)
Single 4K60p video decoding		X (10-bit)	X (10-bit)	X (10-bit)	X (10-bit)	X (10-bit)	X (10-bit)	X (10-bit)
Dual 4K video decode							X	X
Quad 4K video decode								X
4K video rotation							X	X
HDR10, HLG & Rec.2020/BT.2020 support			X	X	X	X	X	X
Full HD video decoding	X	X	X	X	X	X	X	X
Dual HD video decode			X	X	X	X	X	X
HD video rotation			X Single	X Single	X Single	X Single	X	X
8K resolution images & graphics							X	X
4K resolution images & graphics							X	X
HD images & graphics	X	X	X	X	X	X	X	X
MEDIA FORMATS & RESOLUTIONS								
8K video codecs: H.265							X	X
8K Video Containers: .ts, .mov, .mp4, .mkv							X	X
4K Video codecs: H.265 and H.264		X	X H.265 at 60p & H.264 at 30p	X H.265 at 60p & H.264 at 30p	X H.265 at 60p & H.264 at 30p	X H.265 at 60p & H.264 at 30p	X	X
4K Video Containers: .ts, .mov, .mp4, .mkv		X	X	X	X	X	X	X
Full HD Video Codecs: H.265, H.264 (MPEG-4, Part 10), MPEG-2	X	X	X	X	X	X	X	X
Full HD Video Containers: .ts, .mpg, .vob, .mov, .mp4, .m2ts	X	X	X	X	X	X	X	X
8K Video Resolutions: 7680x4320x23.97/24/25/29.97/30/50/59.94/60p							X	X
4K Video Resolutions: 4096x2160x23.97/24/25/29.97/30/50/59.94/60p 3840x2160x23.97/24/25/29.97/30/50/59.94/60p		X	X	X	X	X	X	X
Full HD Resolutions: 1920x1080x23.97/24/25/29.97/30/50/59.94/60p	X	X	X	X	X	X	X	X
Supports <u>additional & customizable</u> resolutions: includes unique, non-standard aspect ratios at various frame rates	X	X	X	X	X	X	X	X
Images: BMP, JPEG, PNG	X	X	X	X	X	X	X	X
Audio: MP2, MP3, AAC and WAV (AC3 is passed through)	X	X	X	X	X	X	X	X
HTML5: .html, Chromium-based, CSS, JavaScript, WebGL	X	X	X	X	X	X	X	X
HARDWARE INTERFACES								
HDMI Outputs	1	1	1	1	1	1	2	4
HDMI 1 Output:	X HDMI 2.0a	X HDMI 2.0a	X HDMI 2.0a	X HDMI 2.0a	X HDMI 2.0a	X HDMI 2.0a	X HDMI 2.1a	X HDMI 2.1a
HDMI 2 Output:							X HDMI 2.0a	X HDMI 2.0a
HDMI 3 Output:							X HDMI 2.0a	X HDMI 2.0a
HDMI 4 Output:							X HDMI 2.0a	X HDMI 2.0a

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HDMI in:								
Ethernet:	X 10/100	X 10/100	X Gigabit	X Gigabit	X Gigabit with PoE+	X Gigabit with PoE+	X	X
USB-A: provides 5V/1A power to peripheral devices				X		X	X	X
USB-C: supports high-speed host mode & provides 5V/1A power to peripheral devices	X Supports GPIO, Serial & IR	X Supports GPIO, Serial & IR				X	X	X
GPIO: 12-pin Phoenix Connector with 8 bi-directional Ports			X	X	X	X	X	X
IR: 3.5mm In / Out			X	X	X	X	X	X
Serial: 3.5mm RS-232				X		X	X	X
Audio: 3.5mm Output (Analog or SPDIF)	X	X	X	X	X	X	X	X
Primary storage: External microSD card slot	X	X	X	X	X	X	X	X
Optional storage: M.2 PCIe Interface for NVME SSD Storage					X	X	X	X
Optional Wi-Fi/Bluetooth: E Key M.2 Interface for WD-105 module	X	X	X	X	X	X	X	X
Status LEDs	1	1	4	4	4	4	4	4
Reset & Service Buttons	X	X	X	X	X	X	X	X
Real Time Clock with 14-day life	X	X	X	X	X	X	X	X
Locking Power Connector	X	X	X	X	X	X	X	X
ACCESSORIES								
BP200 & BP900 USB Button Pads	X	X		X		X	X	X
Micro SD Class 10 cards (various capacities)	X	X	X	X	X	X	X	X
256GB PCIe NVME M.2 SSD					X	X	X	X
WD-105 Dual Antenna Wireless/Bluetooth Module	X	X	X	X	X	X	X	X
BrightSign Mobile USB Modem	X	X		X		X	X	X
CBL-USBC to USB A and 3.5mm Serial	X	X				X	X	X
GP800-C: USB C to GPIO 12-pin Cable Kit	X	X				X	X	X
SOFTWARE & SERVICES								
BrightSignOS™	X	X	X	X	X	X	X	X
Free BrightAuthor:connected or BrightAuthor software	X	X	X	X	X	X	X	X
Free Control Cloud	X	X	X	X	X	X	X	X
Optional Subscription-based BSN.cloud	X	X	X	X	X	X	X	X
Optional BrightSign Mobile Service	X	X	X	X	X	X	X	X
MISCELLANEOUS								
Anodized aluminum enclosure for extended operating temperatures			X	X	X	X		
Dimensions (WxDxH)	126.6 x 141.84 x 19.41 mm	126.6 x 141.84 x 19.41 mm	205 x 185.9 x 19.2 mm	205 x 185.9 x 19.2 mm	205 x 185.9 x 19.2 mm	205 x 185.9 x 19.2 mm	253.2 x 232.12 x 48mm	253.2 x 232.12 x 48mm
Shipping Weight	TBD	TBD	1.3 kg	1.3 kg	1.3 kg	1.3 kg	3 kg	3 kg
Player Weight			0.63 kg	0.63 kg	0.63 kg	0.63 kg	1.42 kg	1.43 kg
Power	12V / 1.5A	12V / 1.5A	12V / 3A	12V / 3A	12V / 3A	12V / 3A	19V / 4.7A	19V / 4.7A
Multi-Country Power & Regulatory Approvals	X	X	X	X	X	X	X	X
Built-in Wall Mounting Brackets	X	X	X	X	X	X	X	X
1 year warranty, parts and labor*	X	X	X	X	X	X	X	X
List Pricing	\$300	\$400	\$500	\$600	\$600	\$700	\$1200	\$1700

*2 year warranty, parts and labor, for units shipped from an EU or UK distribution center and to an EU or UK address.