

WyreStorm MX-1616-H2XC 16 Slot 18Gbps 4K HDR Modular Matrix Switch Chassis

Inputs	Up to 16x HDMI In: 19-pin type A Up to 16x HDBaseT™ In 8-pin RJ-45 female Up to 16x S/PDIF In Coaxial Digital
Outputs	Up to 16x HDBaseT Out 8-pin RJ-45 female Up to 16x HDMI Out 19-pin type A (Mirrors HDBaseT™) Up to 16x Optical Out: SFP+ Up to 16x S/PDIF Out Coaxial Digital Up to 16x Audio Out 3pin Phoenix Connector
Output Video Encoding	HDBaseT™ Class A 5-Play
Encoding Data Rate	9.2Bbps
End to End Latency	10µs (micro seconds)
Audio Formats	S/PDIF: 2ch PCM Multichannel: Up to 5.1 DTS and Dolby Digital HDMI: 2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos
Video Resolutions (Max)	<p>Video Resolutions</p> <p>1920x1080p @60Hz 12bit 1920x1200p @60Hz 16bit 3840x2160p @24Hz 10bit 4:2:0 HDR 3840x2160p @30Hz 8bit 4:4:4 3840x2160p @24Hz 10/12bit HDR 4:2:0 4096x2160p @60Hz 8bit 4:2:0 4096x2160p @60Hz 8bit 4:4:4 Long Cable Mode Forced Resolution: 1920x1080p @60Hz 12bit</p> <p>HDMI</p> <p>15m/49ft 7m/23ft 3m/10ft 7m/23ft 3m/10ft 7m/23ft 7m/23ft NA</p> <p>Cat6</p> <p>100m/328ft 100m/328ft 70m/230ft 70m/230ft 70m/230ft 70m/230ft 140m/460ft</p> <p>Cat6a/7</p> <p>100m/328ft 100m/328ft 100m/328ft 100m/328ft 100m/328ft 100m/328ft 100m/328ft 140m/460ft</p> <p>OM3</p> <p>300m/984ft 300m/984ft 300m/984ft 300m/984ft 300m/984ft 300m/984ft 300m/984ft NA</p>
Supported Standards	DCI RGB HDR HDR10 Dolby Vision HLG BT.2020 BT.2100
Maximum Pixel Clock	HDMI: 600mHz HDBaseT™: 297MHz

Communication and Control

HDMI	HDMI HDCP 2.2 EDID DVI/D supported with adapter (not included)
HDBaseT™	HDMI HDCP 2.2 EDID ARC 1-way PoH to Receiver Bidirectional IR and Ethernet
Ethernet	1x 8-pin RJ-45 female Web UI IP Control Bidirectional over HDBaseT™
IR	1x IR Ext - 3.5mm (1/8in) TRS Stereo Matrix Control 10x IR RX - 3.5mm (1/8in) TRS Stereo 10x IR TX - 3.5mm (1/8in) TS Mono Transmits to Over HDBaseT™
RS-232	Bidirectional over HDBaseT Matrix Control Firmware Updates
Audio Return Channel (ARC)	Returns audio from displays built-in applications via ARC HDMI Input over HDBaseT™

Power

Power Supply	100~240V AC 50/60Hz
PoH	48V Each HDBT Outputs: 15.4W All Outputs: 95W
Max Power Consumption	Default Configuration: 200W Note: Power Consumption increases by +11W for each optional TX-H2X-HDBT card installed. Max of 6 TX-H2X-HDBT cards can be used within a single matrix when using PoH.

Environmental

Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
Maximum BTU	682 BTU/hr

Dimensions & Weight

Rack Units Wall Box	4U
Height With Without Feet	183.1mm/7.22in 176mm/6.93in
Width With Without Brackets	483mm/19.02in 440mm/17.33in
Depth With Without Handles	420.7mm/16.57in 382.7mm/15.07in
Weight	15.6kg/34.32lbs

Regulatory

Safety and Emission	CE FCC RoHS
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