



## netPIX-motionST

HIGH-END GRAPHIC CONTROLLER FOR VISUAL DISPLAY SYSTEMS

### ) TECHNICAL SPECIFICATIONS

netPIX-motion CONTROLLER UNIT	netPIX-motionST-Controller-Unit-G1.0
Processor:	Intel® Xeon® Prozessor E5-1603 v4 (4 Cores, 2.80GHz, 10MB Cache)
RAM:	16GB, optionally up to 64GB
Expansion Slots:	7× PCIe 3.0 (Quad x16 or Single x16 + Seven x8)
Hard Drives:	RAID1 240GB SSD, optionally up to 960GB SSD or 1TB HDD
Network:	2× 10/100/1000 Mbps RJ45 Ports Onboard
Dimensions (W×H×D):	431 × 177 × 568 mm (16.9" × 6.9" × 22.4")
Weight:	23.6 kg (52 lbs)
Operating Conditions:	Temperature: 0°C - 40°C (32°F - 104°F) / Humidity: 10 - 90% not condensing / Altitude: up to 3,048 m (10.000 ft)
Power Supplies:	100-240 V, 50-60Hz, redundant, HotSwap 860 Watt
Operating Systems:	Windows 7 Ultimate 64bit, Windows 10 64Bit, Windows Server 2012R2 Standard 64Bit
Accessory (optional):	104-key keyboard, 2-key-wheel/button-mouse, optionally with extension cable up to 50m, signal cables for eyevis Cubes/Displays (fibre optics) up to 100m

netPIX-motion OUTPUT CARD	netPIX-motionOUT-6-mDP-CS-1
Graphic Memory::	4 GB DDR5
Outputs:	6× Mini DisplayPort 1.2 (screw locking)
Resolutions:	3× 4,096 × 2,160 @ 60Hz (DisplayPort ) 6× 4,096 × 2,160 @ 30Hz (DisplayPort) 6× 3,840 × 2,160 @ 30Hz (HDMI) 6× 1,920 × 1,200 @ 60Hz (HDMI / Single-Link DVI) 6× 2,560 × 1,600 @ 60Hz (Dual-Link DVI)
Colour Depth:	24/32-Bit (8/10bpp)
Supported Graphic Standards:	- DirectX® 12 - OpenGL® 4.4 - OpenCL™ 1.2
Accessory (optional):	Mini DisplayPort to DisplayPort Adapter (motionCABLE-mDP-DP-1 ) Mini DisplayPort to HDMI Adapter (motionCABLE-mDP-H-1) Mini DisplayPort to DVI Adapter (motionCABLE-mDP-DVI-1)

netPIX-motion INPUT CARD	netPIX-motionIN-4-HDMI-16-IPD-IX-1
Inputs:	- 4× Mini HDMI (Type C) - 1× RJ45 Ethernet
Resolution:	- Maximum input resolution up to 4,096 × 2,160 per channel - Simultaneous processing of up to: → 4× 4,096 × 2,160@30Hz → 16× 1,920 × 1,080@30Hz
Pixel Format:	RGB: 8:8:8, 10:10:10 (24/32 bits per pixel), YUV: 4:4:4, 4:2:2, 4:2:0 (8/10 bits per component),
Streaming Protocols:	RTP, RTSP, RTMP, MPEG2-TS
Video Codec:	H.264/MPEG-4