

TECHNICAL SPECIFICATIONS

netPIX RAGE CONTROLLER UNIT netPIX-rageRT-Controller-Unit-G1.0

Processor:	Intel® Xeon® Processor E5-2603 v4 (6 Cores, 1.70GHz, 15MB SmartCache) (optional: up to 2x Intel® Xeon® Processor E5-2643 v4 (6 Cores, 3.70GHz, 20MB SmartCache))
RAM:	16GB (optional up to 64GB)
Expansion Slot:	7x PCIe 3.0 (Quad x16 + Single x8 / Triple x16 + Triple x8 / Dual x16 + Quintuple x8)
Storage:	2x 240GB SSD in RAID1 (optional: 3x 240GB in RAID5) [optional: up to 960GB SSD or 1000GB HDD]
Network:	2x 10/100/1000 Mbps RJ45 Ports Onboard
Management:	1x 10/100/1000 Mbps RJ45 Management Port Integrated BMC important IPMI
Dimensions (WxHxD):	431 x 177 x 568 mm
Weight:	24.0 kg
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 Supply:	100-240 V, 50-60Hz, redundant, HotSwap 860 Watt
Operating System:	Windows 7 Ultimate 64bit, Windows 10 64Bit, Windows Server 2012R2 standard 64Bit
Equipment (optional):	104-key keyboard, 2-key-wheel/button-mouse (optional with extension cable up to 50 metres), signal-cable for eyevis Cubes/Displays (fibre optic)

netPIX RAGE OUTPUT CARDS netPIX-rageOUT-4-DP-QM2-1 netPIX-rageOUT-4-DP-QM4-1 netPIX-rageOUT-4-DP-QM5-1 netPIX-rageOUT-4-DP-QM6-1

Graphic Memory:	4GB GDDR5 128-bit	8GB GDDR5 256-bit	8GB GDDR5 256-bit	12GB GDDR5 384-bit
Outputs:	4x DisplayPort 1.2	4x DisplayPort 1.2	4x DisplayPort 1.2 1x DVI-I Dual-Link	4x DisplayPort 1.2 1x DVI-I Dual-Link
Resolutions:	4x 4.096 x 2.160 @ 60Hz (DisplayPort)	4x 4.096 x 2.160 @ 60Hz (DisplayPort)	4x 4.096 x 2.160 @ 60Hz (DisplayPort) 1x 2.560 x 1.600 @ 60Hz (Dual-Link DVI) 1x 1.920 x 1.200 @ 60Hz (Single-Link DVI)	4x 4.096 x 2.160 @ 60Hz (DisplayPort) 1x 2.560 x 1.600 @ 60Hz (Dual-Link DVI) 1x 1.920 x 1.200 @ 60Hz (Single-Link DVI)
Depth of Colour:	24/32-Bit (8/10bpp)	24/32-Bit (8/10bpp)	24/32-Bit (8/10bpp)	24/32-Bit (8/10bpp)
Supported Graphic Standards:	- DirectX® 12 - OpenGL® 4.5 - Shader model 5.0 - Vulkan 1.0	- DirectX® 12 - OpenGL® 4.5 - Shader model 5.0 - Vulkan 1.0	- DirectX® 12 - OpenGL® 4.5 - Shader model 5.0 - Vulkan 1.0	- DirectX® 12 - OpenGL® 4.5 - Shader model 5.0 - Vulkan 1.0
Equipment (optional):	DisplayPort-to-Single-Link DVI Adapter / DisplayPort-to-Dual-Link DVI Adapter / DisplayPort-to-HDMI Adapter			

netPIX RAGE SYNC CARD netPIX-rageOUT-sync-QS-1

BUS:	PCIe (mechanical only)
Connections:	2x 100/1000 Base-T RJ45 Ethernet Port 1x BNC 4x NVIDIA SLI® Connectors
Input Specifications:	External timing source (synchronisation of screens and projectors with external clock sources)
Output Specifications:	Multi-GPU Mosaic (Synchronization of multiple GPUs) Frame Lock (Synchronization of multiple Displays/Indicators)

netPIX RAGE INPUT CARDS netPIX-rageIN-4-HDMI-SC-1 netPIX-rageIN-4-DVI-SC-1

Inputs:	4x HDMI	4x DVI-I Dual Link
Resolutions:	2x 3,840 x 2,160 @ 30Hz & 2x 1,920 x 1,080 @ 60Hz 4x 1,920 x 1,080 @ 60Hz	2x 3,840 x 2,160 @ 30Hz & 2x 1,920 x 1,080 @ 60Hz 4x 1,920 x 1,080 @ 60Hz
Colour Depth:	RGB: 24 bit/32 bit YUV: 4:2:2	RGB: 24 bit/32 bit YUV: 4:2:2
HDMI Audio Capture:	Integrated	Additional adapter is required

ORDERING INFORMATION

netPIX-rageRT-Controller-Unit-G1.0	23810	netPIX-rageRT Controller Unit Case + Mainboard + CPU + 16GB RAM + 2x 240GB SSD
netPIX-rageOUT-4-DP-QM2-1	23811	4x Display Port Output card for netPIX-rage (PCIe 3.0 x16 / 4 GB GDDR5 128-bit / 4096x2160 / OpenGL 4.5+DX12)
netPIX-rageOUT-4-DP-QM4-1	23812	4x Display Port Output card for netPIX-rage (PCIe 3.0 x16 / 8 GB GDDR5 256bit / 4096x2160 / OpenGL 4.5+DX12)
netPIX-rageOUT-4-DP-QM5-1	23813	4x Display Port Output card for netPIX-rage (PCIe 3.0 x16 / 8 GB GDDR5 256bit / 4096x2160 / OpenGL 4.5+DX12)
netPIX-rageOUT-4-DP-QM6-1	23814	4x Display Port Output card for netPIX-rage (PCIe 3.0 x16 / 12 GB GDDR5 384bit / 4096x2160 / OpenGL 4.5+DX11)
netPIX-rageOUT-sync-QS-1	23815	Sync card for netPIX-rage Output cards
netPIX-rageIN-4-HDMI-SC-1	23872	4x HDMI Input card for netPIX-rage series
netPIX-rageIN-4-DVI-SC-1	23874	4x DVI Input card for netPIX-rage series



eyevis GmbH

Hundsschleestr. 23 • 72766 Reutlingen • Germany
Phone: + 49 (0) 7121 43303 - 0 • Fax: + 49 (0) 7121 43303 - 22
www.eyevis.com • info@eyevis.de

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