NGP-224

Display controller for multi-channel displays

Extreme performance

- High-end nVidia Quadro FX graphics acceleration

- Up to 2 XEON E5540 quad-core 2.53 GHz processor for concurrent rendering and software-based media decoding

- Software and/or hardware accelerated decoding using Barco's JP2K media accelerator cards

Scalable, fully network centric integration

- Up to eight displays can be connected to one display controller

- Stackable to build display walls of unlimited size through distributed rendering

- Collaborates perfectly with Barco's CMS control room management software

Robustness and reliability

- 4U 19" rack mounted chassis

- Redundancy options

- Worry-free, Barco-qualified system component

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Product specifications	NGP-224
General specifications	
Operating system	Barco NGVS + Linux distribution for NGP
Platforms	TransForm N display controller
CPU	1 (max2) XEON E5540 quad-core 2.53 GHz
Cache	8 MB
Memory	4GB (max. 192GB) DIMM DDR3 1066Mhz
Hard disk	500GB SATA 6GB/s
Flash Memory Size	--
RAID	no raid/RAID1
Optical drive	DVD ROM
Network connection	2x1Gb/s LAN
Power supply	2x650W (100-240V AC, 47/63 Hz)
Keyboard & mouse	No
Weight	20.8 -25.2kg/45.8lbs -55.55lbs
Housing	rackmount 4U
Dimensions	430x177x582 mm (16.9x6.97x22.9 inch)
Operating conditions	
Noise Level	max. 48dbA (measured 22°C/72 F at 1m/3.28ft distance)
Temperature range	0-40°C | 32-104°F
Humidity	max. 80% (non-condensing)
Number of inputs and outputs	
DL-DVI outputs	2
SL-DVI outputs	2/8
Analog video inputs	--
SL DVI/RGB inputs	--
DL DVI/RGB inputs	--
SD MPEG2/MPEG4 inputs	--
JP2K inputs	64

Last updated: 08 Jul 2024

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