

NGP-324

Stand-alone display & multimedia controller



Barco's NGP-324 is a powerful display controller that drives small to medium-sized video walls. The NGP-324 unleashes the extreme power of up to two XEON E5620 quad-core 2.4 GHz processors, high-end 3D graphics acceleration and best-in-class media integration capabilities.

Extreme performance

- High-end 3D nVidia Quadro FX graphics acceleration
- Up to 2 XEON E5620 quad-core 2.4 GHz processors for concurrent application processing and software-based media decoding
- Baseband capture cards for analog video and DVI/RGB inputs
- Software decoding of streaming media
- Local application support

Scalable, fully network centric integration

- Up to 24 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

BARCO

Visibly yours

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software

Robustness and reliability

- 19" rack mounted chassis
- Redundancy options
- Worry-free, Barco-qualified system component

Product specifications**NGP-324**

General specifications	
Operating system	Windows 7 ultimate 32-bit Windows 7 ultimate 64-bit
Software images	Barco TransForm N SD Barco TransForm N
Platforms	TransForm N Single Display video wall controller TransForm N Multimedia Terminal TransForm N Operator Workstation
CPU	1 (max 2) XEON E5620 quad-core 2.4 GHz
Cache	12 MB
Memory	6 GB (max. 288GB) DIMM DDR3 1333Mhz
Hard disk	320GB SATA 3GB/s
Flash Memory Size	--
System backup	16GB USB2.0 stick
RAID	no raid/RAID1
Optical drive	DVD R/W
Network connection	2x1Gb/s LAN
Power Supply	1 (max 2) 750W (85-265V AC, 50-60Hz)
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	
Analog video inputs	0/16/32
DL-DVI outputs	2/4/6
SL DVI/RGB inputs	0/2/4
SL-DVI outputs	2/8