

# NGP-124

Display controller for distributed multi-screen video walls



## Extreme performance

- High-end nVidia Quadro FX graphics acceleration
- Intel i7-920 quad-core 2.66 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
- Renders media input from Barco's networked visualization input nodes
- 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

**Product specifications****NGP-124****General specifications**

Operating system	Barco NGVS + Linux distribution for NGP
Platforms	TransForm N display controller
CPU	Intel i7-860 quad-core 2.80 Ghz
Cache	8 MB
Memory	4GB (max. 16GB) DIMM DDR3
Hard disk	1000GB SATA
Flash Memory Size	--
RAID	no raid
Optical drive	DVD ROM
Network connection	2x1Gb/s LAN
Power supply	2x800W (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	0-35°C   32-95°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

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