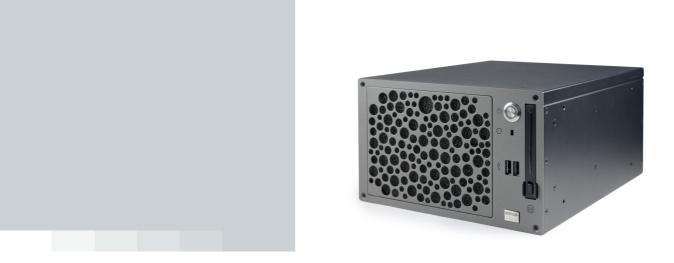# TransForm NDN-210 Pro
Networked Display Node

Barco's TransForm N Networked Display Node is a powerful PC-based networked graphics processor. It is used in the networked visualization environment of a TransForm N system and can display encoded streams coming from the Gbit Ethernet/IP network. H-264, MPEG-4, MPEG-2, MJPEG, V2D and ProServer represent just the top of a long list of supported codecs and streaming formats. Furthermore, the display controller also has a high-end graphics card to perform the rendering operations as are requested by the TransForm N management clients in the network.

High density content – Large display walls

The NDN-210 Pro Output nodes can display high density content and can drive up to sixteen HD displays with a single node. The unit supports multiple different types of displays including the whole range of Barco display solutions like RPC, LCD & LED.

Managed by CMS inside the TransForm N system multiple NDN-210 Pro output nodes can be combined in a wall-cluster to show a composed synchronized picture on display walls of virtually unlimited size. The NDN-210 Pro offers a dedicated sync-cable based full frame-lock synchronization between up to 30 nodes suiting the needs of video-walls with advanced synchronization requirements.

Features:

- 4 DisplayPort 1.2 outputs

- Up to 4K-UHD resolution per output

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- Universal IP video streaming decoding

- Most extensive list of supported codecs and formats

- Dedicated cable enabled frame lock between multiple display nodes supporting the possibility to cluster up to 30 display nodes together driving a single wall fully synchronized

- Redundant network interface

- Silent operation in a compact and flexible form factor

- Mature Barco quality, robust and reliable

PRODUCT SPECIFICATIONS	TRANSFORM NDN-210 PRO
Memory	4 GB
Disk drive	128 GB Solid-State Disk SSD
Network	2x 1Gb/s LAN
Graphics card	Professional high-performance NVIDIA Quadro-series graphic card
Processor	Intel(R) Core(TM) i7 Quad core processor 3.2GHz (4.0GHz max. Turbo frequency)
Output	4x Display Port 1.2 (supporting up to 4x 4K-UHD) 4x DVI-SL via included adapters (supporting up to 4x HD)
Input	H.264, MPEG-2/4, MxPEG, MJPEG, V2D, H.263, VNC, Pro-Server (see supported codec list)
Form factor	3U ½ 19" Rackmount housing
Dimensions	133mm x 220mm x 300mm | 5.24in x 8.66in x 11.81in
Power supply	100-240V, 5-3A, 50/60Hz
Power consumption	Typ. 124W | max. 270W
Temperature range	0° -40°C | 32° -104°F
Humidity	Max. 80% (noncondensing)
Noise Level	Max. 36dbA (measured at 1m/32.8ft distance at 22°/72)
Compliance	CE,CB, IEC 609501, ETL, FCC Class A Regulatory Model Id: NGP-210
Order Information	R9821000B | NDN-210 PRO Display Node (US) R9821000F | NDN-210 PRO Display Node (EU) R9821000G | NDN-210 PRO Display Node (UK) R9821000X | NDN-210 PRO Display Node (C13/C14) R9821099 | Rackmount Kit for 2x NGP-210 R766042 | Pedestal mount kit for NGP-210

ENABLING BRIGHT OUTCOMES

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