

TransForm NDN-210

Networked Visualization Output Node



Barco's TransForm N Display Node is a powerful PC-based network graphics processor. It is used in networked visualization environments and can display encoded streams coming from a 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 rendering operations as requested by clients in the network.

High density content – Large display walls

Output nodes can display high density content and can drive up to sixteen displays. The unit supports multiple different types of displays including the whole range of Barco projectors.

Multiple output nodes can be combined to show a composed synchronized picture on display walls of virtually unlimited size. Two models are available, covering flexibly the specific synchronization requirements.

Features:

- 4 outputs
- Up to 4K-UHD resolution per output
- Universal IP video streaming decoding
- Most extensive list of supported codecs and formats
- Frame lock between multiple display nodes
- Redundant network interface
- Silent operation in a compact and flexible form factor
- Mature Barco quality, robust and reliable

PRODUCT SPECIFICATIONS	TRANSFORM NDN-210
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) 4x DVI-DL (on request)
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
Available models	NDN-210 LITE Standard model for most applications NDN-210 PRO Pro model for perfect sync across up to 30 NDN-210 Pro display nodes
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) R9821005B NDN-210 LITE Display Node (US) R9821005F NDN-210 LITE Display Node (EU) R9821005G NDN-210 LITE Display Node (UK) R9821005X NDN-210 LITE Display Node (C13/C14) R9821099 Rackmount Kit for 2x NDN-210 R766042 Pedestal mount kit for NDN-210

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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.