

TransForm NDN-220 LITE

Networked Display Node



Barco's TransForm N system 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, 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-220 Lite 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-220 Lite output nodes can be combined in a wall-cluster to show a composed synchronized picture on display walls of virtually unlimited size. The NDN-220 Lite offers a network based synchronization between the nodes suiting the majority of video-wall needs. Optional alternative a NDN-220 Pro can be selected for specific more advanced synchronization requirements.

Features:

- 4 DisplayPort 1.2 outputs
- Up to 4K-UHD resolution per output
- Universal IP video streaming decoding
- Network-based synchronization between multiple display nodes supporting the possibility to cluster up to 50 display nodes together driving a single wall
- Redundant network interface
- Silent operation in a compact and flexible form factor
- Mature Barco quality, robust and reliable

Product specifications**TRANSFORM NDN-220 LITE**

General specifications	
Memory	8 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) i5-9500E 6-core processor 3.0GHz (4.2GHz 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, V2D, H.263, VNC, Pro-Server (see supported codec list)
Form factor	3U ½ 19" Rackmount housing
Dimensions	131.5mm x 220mm x 305mm 5.18" x 8.66" x 12.01"
Weight	5.8 kg (7.6 kg incl. packaging)
Power supply	100-240V, 8-450/60Hz
Power consumption	230W (max)
Temperature range	0° -40°C 32° -104°F
Altitude	Up to 5000m (operation)
Humidity	Max. 80% (noncondensing)
Noise Level	Max. 35dbA (measured at 1m/32.8ft distance at 22°/72)
Compliance	CE, UKCA, CB/UL 60950/62368-1, ICES, CCC, FCC Class A Regulatory Model Id: P220
Order Information	R9822005 NDN-220 LITE Display Node (no power cable) R9822005B NDN-220 LITE Display Node (US) R9822005D NDN-220 LITE Display Node (IN) R9822005F NDN-220 LITE Display Node (EU) R9822005G NDN-220 LITE Display Node (UK) R9822005I NDN-220 LITE Display Node (CN) R9822005X NDN-220 LITE Display Node (C13/C14 power cable) R9821099 Rackmount kit for 2x NDN-220 PRO/LITE R766042 Pedestal mount kit for NDN-220 PRO/LITE

Last updated: 12 Apr 2024

© 2018 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.