TransForm NGX-200

Compact X.11 display controller driving up to 8 HD displays

Barco's TransForm NGX-200 display controller is a compact and silent X.11 video wall controller, perfectly suited for driving small video walls or personal operator displays.

Based on Linux OS and native X-Server technology, the design of the system consequently excludes any incompatibility or performance issues of emulation systems, and makes the system a perfect display controller for all types of X.11 clients and applications.

Mature and hassle-free, with unique X.11 extensions

On top of the standard X.11 functionality the system excels with functional extensions like Barco's unique Multi Cursor extension XMC for supporting multiple operators on a single wall, and IP stream decoding for displaying streaming IP videos (h.264, mpeg4, mpeg2) and network-streamed desktop content using Barco's ProServer functionality on the video wall. The mature architecture of the system ensures hassle-free installation and 24/7 operation.

Features:

· Native X-Server technology
· Transparent, unrestricted use of the entire video wall for X-applications
· Barco-unique Multicursor Extension
· Up to 8 HD outputs through Barco's OverView OL, OVL video walls
· Universal IP streaming video decoding
· Intel (R) Core (TM) i5 quad core processor for concurrent application processing and software based media decoding
· Mature technology
· Compact form factor
· Low-noise operation
· Easy to set-up and operate

Product specifications	TransForm NGX-200
Platforms	NGP-200
OS	Linux
Software	Native X11R7 Server
CPU	Intel Core i5 Quad Core Processor
CPU frequency	3.0 GHz (up to 3.7GHz)
Memory	4 GB RAM
Hard disk	60 GB Solid-State Disk SSD
Network	2x 1Gb/s LAN
Graphics card	1x high-performance NVidia Quadro-series cards with 2x UHD DVI-DL outputs
Output	Up to 2 UHD directly connected displays Up to 8 HD displays using Barco loop-through displays
Input	Up to 24 Streaming video IP video sources H.264, MPEG-4, MPEG-2
Performance	300 Vcores
Form factor	3U ½ 19" Rackmount housing
Power Supply	100-240V, 50/60Hz
Dimensions	133mm x 220mm x 279mm | 5.24" x 8.66" x 10.98"
Weight	5.5 kg | 12.13 lbs
Temperature range	0°-40°C | 32°-104°F
Humidity	Max. 80% (non-condensing)
Noise Level	Max. 31dbA (measured at 1m/32.8ft distance at 22°/72°F)
Regulation Compliance	CE,CB, IEC 609501, ETL, CCC, BIS, FCC Class A

Available models	Order No.	
	R9838202	NGX-200 display controller

Licensing	Order No.	
	R9805499	NGX.11 Display Controller Base License (mandatory, 1x per display controller
	R9805598	NGX.11 XMC Multi Cursor License (optional, 1x per display controller)
	R9805705	NGX.11 IP Stream Decoding License (optional, 1x per source)
	R9805599	NGX.11 Output License (1x per display)

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