

# TransForm NGX-410

Powerful X.11 display controller driving up to 64 HD outputs



- **Native X.11-Server technology**
- **Transparent , unrestricted use of the entire video wall for all X.11-applications**
- **Barco-unique Multicursor Extension**
- **Up to 64 HD outputs in combination with Barco Video Walls**

Barco's Transform NGX-410 Display Controller is the powerful video wall controller, which is perfectly suited for driving video walls up to 64 HD displays.

Based on Linux OS and native X-Server technology, the design of the system consequently eliminates 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 and ruggedized design 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.11-applications
- Barco-unique Multicursor Extension
- Up to 64 HD outputs in combination with Barco video walls
- Universal IP streaming video decoding
- Intel (R) Core (TM) i7 hex core processor for concurrent application processing and software based media decoding
- Easy to set-up and operate
- Robust and reliable
- Mature technology

**Product specifications****TRANSFORM NGX-410****General specifications**

OS	Linux
Software	Native X11R7 Server
CPU	Intel Core i7 Hex Core Processor
CPU frequency	3.3 GHz (up to 3.6GHz)
Memory	8 GB RAM
Hard disk	128 GB Solid-State Disk SSD
Optical drive	DVD R/W
Network	2x 1Gb/s LAN Up to 2 additional 1 Gb/s LAN interfaces (optional)
Graphics card	Up to 4x high -performance 4ch DisplayPort 1.2 NVidia Quadro-series cards (configurable)  (DVI-D SingleLink/DualLink supported via included/optional adapter)
Output	Up to 16x 4k/UHD displays (configurable option) Up to 64x HD displays using Barco loop-through displays (configurable option)
Input	Up to 24 Streaming video IP video sources H.264, MPEG-4, MPEG-2
Form factor	4U housing for 19" rack
Power supply	100-240V, 50/60Hz, 800W, redundant, hotswap
Power consumption	Max. 690W   typ. depending on configuration
Temperature range	0°-40°C   32°-104°F
Humidity	Max. 80% (non-condensing)
Noise Level	Max. 48dbA (measured at 1m/32.8ft distance at 22"/72)
Regulation Compliance	CE, CB, IEC 609501, ETL, CCC, BIS, FCC Class A Regulatory Model Id: NGP-410
Available models	Order No. R983841003 NGX 410 Display Controller (configurable)
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)

**Last updated: 08 Jul 2024**

© 2024 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](http://www.barco.com) for the latest specifications.