

# TransForm NGX-210

Compact X.11 display controller driving up to 16 HD displays



- **Native X.11-Server technology**
- **Transparent , unrestricted use of the entire video wall for X.11-applications**
- **Barco-unique Multicursor Extension**
- **Up to 16 HD outputs in combination with Barco's video walls**

Barco's TransForm NGX-210 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.11-applications
- Barco-unique Multicursor Extension
- Up to 16 HD outputs in combination with Barco's video walls
- Universal IP streaming video decoding

- Intel (R) Core (TM) i7 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-210**

<b>Processor</b>	Intel(R) Core(TM) i7 Quad core processor 3.2GHz (4.0GHz max. Turbo frequency)
<b>OS</b>	Linux
<b>Software</b>	Native X11R7 Server
<b>Memory</b>	4 GB RAM
<b>Hard disk</b>	128 GB Solid-State Disk SSD
<b>Network</b>	2x 1Gb/s LAN
<b>Graphics card</b>	1x high- performance NVidia Quadro -series cards with 4x DP1.2 outputs  (DVI-D SingleLink/DualLink supported via included/optional Adapter)
<b>Output</b>	Up to 4x 4k/UHD displays Up to 16x HD displays using Barco loop-through displays
<b>Input</b>	Up to 24 Streaming video IP video sources H.264, MPEG-4, MPEG-2
<b>Power supply</b>	100 --240V, 50/60Hz
<b>Power consumption</b>	124W (typ) / 270W (max)
<b>Form factor</b>	3U ½ 19" Rackmount housing
<b>Dimensions</b>	133mm x 220mm x 300mm   5.24" x 8.66" x 11.81"
<b>Weight</b>	5.5 kg   12.13 lbs
<b>Temperature range</b>	0°-40°C   32°-104°F
<b>Humidity</b>	Max. 80% (non-condensing)
<b>Noise Level</b>	Max. 31dba (measured at 1m/32.8ft distance at 22°/72°F)
<b>Regulation Compliance</b>	CE,CB, IEC 609501, ETL, CCC, BIS, FCC Class A Regulatory model Id: NGP-210
<b>Available models</b>	Order No. R9821002 NGX-210 Display Controller R9821002I NGX-210 Display Controller CN R9821002F NGX-210 Display Controller EU R9821002G NGX-210 Display Controller UK R9821002B NGX-210 Display Controller US R9821002X NGX-210 Display Controller XX
<b>Licensing</b>	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: 23 Apr 2018**Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.