

TransForm A18

High performance video wall controller for medium to large size video walls with strong video & RGB demands.



TransForm A is the most flexible and powerful video wall controller available today. Barco's unparalleled OmniScaler technology offers easy, built-in integration of digital and analog video and data sources and allows users to place windows of any size anywhere on the video wall, without any compromises on quality.

The high performance TransForm A18 system for medium to large size video walls is based on the easily expandable modular TransForm A architecture. Using a TransForm A Processor and up to multiple TransForm A OmniBus A18 units, a multitude of video and RGB sources can be displayed even on the largest video wall.

Maximum flexibility and scalability

- supported operating systems: Windows 2000/XP, X Window System
- output resolution up to WUXGA
- virtually unlimited number of display channels and input sources
- up to 68 video/34 RGB sources per display channel
- up to 68 video/34 RGB windows freely movable on the whole video wall

Superb video and RGB integration

- analog and digital sources
- full range scaling capability from finger print size to full wall size
- direct video/RGB access and control
- independent color depth selection of video, RGB, and graphic windows
- uncompromising digital data processing
- genlock synchronization of graphics and video data for a perfectly smooth motion display

Power, bandwidth, future-proof

- perfect synergy of highest graphic and video performance combined with maximum processing power in a modular architecture
- TransForm A processor is the high performance processing core of the system, built on the latest easily upgradeable standard PC technology

BARCO

Visibly yours

Technical specifications

Processor	<p>Processor A4</p> <ul style="list-style-type: none"> • Intel Core 2 Duo 2.13 GHz • 1 GB main memory standard • extendable up to 4 GB max. (3 GB usable) • SATA disk drive 250 GB (RAID-1/RAID-5 option) • 10/100/1000 MBit LAN (redundant option) • redundant, hot-swap power supply (option) • host for up to 4 OmniBus units <p>Processor AX6</p> <ul style="list-style-type: none"> • Dual-core Intel Xeon® CPU, 3 GHz, 1 or 2 CPU's • 2 GB ECC main memory standard • extendable up to 4 GB (3 GB usable) • SATA disk drive 250 GB (RAID-1/RAID-5 option) • dual 10/100/1000 MBit onboard LAN (redundant) • redundant, hot-swap power supply • host for up to 5 OmniBus units
OmniBus	<ul style="list-style-type: none"> • Enhanced PCI 64/66 backplane • 533 MB/s • 18 slots • redundant hot-swap power supply (option)
Weight	<p>Processor A4</p> <ul style="list-style-type: none"> • standard, no cards: 18.0 kg 39.7 lbs • redundant PSU, no cards: 20.5 kg 45.2 lbs <p>Processor AX6</p> <ul style="list-style-type: none"> • redundant PSU, no cards: 23.3 kg 49.2 lbs <p>OmniBus A18</p> <ul style="list-style-type: none"> • standard, no cards: 19.8 kg 43.7 lbs • redundant PSU, no cards: 21.8 kg 48.1 lbs
Dimensions	<p>Processor A4</p> <ul style="list-style-type: none"> • 19" industrial case, height in rack unit: 4U • width case: 440 mm 17.32 in. • width with fixation: 482 mm 18.98 in. • depth case: 516 mm 20.32 in. • depth with handles: 566 mm 22.28 in. • height: 177 mm 6.97 in. • height with rubber feet: 183 mm 7.20 in. <p>Processor AX6</p> <ul style="list-style-type: none"> • 19" industrial case, height in rack unit: 4U • width case: 440 mm 17.32 in. • width with fixation: 482 mm 18.98 in. • depth case: 566 mm 22.28 in. • depth with handles: 616 mm 24.25 in. • height: 177 mm 6.97 in. • height with rubber feet: 183 mm 7.20 in. <p>OmniBus A18</p> <ul style="list-style-type: none"> • 19" industrial case, height in rack unit: 6U • width case: 449 mm 17.68 in. • width with fixation: 482 mm 18.98 in. • depth case: 420 mm 16.54 in. • depth with handles: 461 mm 18.15 in. • height: 267 mm 10.51 in. • height with rubber feet: 270 mm 10.63 in.
Power supply	100-240 V, 50-60 Hz
Power consumption	<p>Processor A4</p> <ul style="list-style-type: none"> standard (typ): 400 W redundant (typ): 400 W <p>Processor AX6</p> <ul style="list-style-type: none"> redundant: 650 W <p>OmniBus A18</p> <ul style="list-style-type: none"> standard (typ): 600 W redundant (typ): 600 W
Operating conditions	0 – 40°C 32 – 104°F at max. 80% humidity (non condensing)