

# PWS-101

3D workstation for multi-channel displays



## Extreme performance

- High-end nVidia 3D Quadro FX graphics acceleration
- Quad-Core Intel® Xeon® processor for concurrent application processing and software-based media decoding
- Dedicated hardware decoding using Barco's media accelerator cards

## Scalable, fully network centric integration

- Up to eight monitors can be connected.
- Includes personal workstation and video wall controller
- Collaborates perfectly with Barco's CMS control room management software

## Robustness and reliability

- 19" rack mount chassis
- Redundancy options
- Worry-free, Barco-qualified system component

**Product specifications****PWS-101****General specifications**

CPU	1 (max 2) XEON E5440 quad-core 2.83 GHz
Cache	12 MB
Memory	4GB (max. 32GB) FB-DIMM DDR2 667Mhz
Operating system	Windows XP Pro Multilanguage SP3 32-bit Barco PWS X11
Platforms	TransForm N Operator Workstation
Software images	Barco Direct Show Filter Suite (DSFS)
Hard disk	500GB SATA 6GB/s
Flash Memory Size	40GB SATA 6GB/s
RAID	no raid/RAID1
Optical drive	DVD ROM
Network connection	2x1Gb/s LAN
Power supply	2x650W (100-240V AC, 47/63 Hz)
Keyboard & mouse	Yes
Weight	20.8 -25.2kg/45.8lbs -55.55lbs
Housing	rackmount 4U
Dimensions	430x177x582 mm (16.9x6.97x22.9 inch)

**Operating conditions**

Noise Level	max. 48dba (measured 22°C/72 F at 1m/3.28ft distance)
Temperature range	0-40°C   32-104°F
Humidity	max. 80% (non-condensing)

**Number of inputs and outputs**

Analog video inputs	--
DL DVI/RGB inputs	--
DL-DVI outputs	2
JP2K inputs	--
SD MPEG2/MPEG4 inputs	4/8/12
SL DVI/RGB inputs	--
SL-DVI outputs	2/8

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