

OpSpace OpS-220

Medium form factor thin client for WUXGA/WQHD/4K displays



Barco's OpS-220 thin client is a medium form factor display controller specifically built to drive up to two displays in WUXGA resolution (1920 x 1200), or two displays in WQHD resolution (2560 x 1440), or one display in UHD/4K resolution (3840 x 2160). It is used in Barco OpSpace networked visualization and collaboration environments to display encoded streams coming from an IP network. It supports standard H.264, Barco's low-latency Video2Data (V2D), Barco ProServer/Virtual Network Computing (VNC) and Remote Display Protocol (RDP) decoding.

The OpS- 220 runs a redundant network interface for secured operation.

High density thin client for up to two displays

The OpS-220 is designed and fully qualified for Barco OpSpace environments. Once connected to an OpSpace server, the pre-configured appliance enables customers to capture networked source information from anywhere. It displays these sources with a user-friendly user interface.

Multiple appliances can be combined to show sources as part of a composed desktop on monitors of an OpSpace workstation, a truly unified workspace for mission-critical applications.

This thin client can process up to twelve HD-quality sources and allows organizing visual and interactive content as a smart multi-viewer to enhance knowledge and decision-making.

Features:

- Pre-configured thin client for Barco OpSpace systems
- Linux based OpSpace operating system
- Intel® i5 9th-gen Hex-core 4.2Ghz processor for low-latency application processing and software based media decoding
- Drives up to two displays in WUXGA resolution (1920 x 1200), or two displays in WQHD resolution (2560 x 1440), or one display in UHD/4K resolution (3840 x 2160)
- Processes up to twelve HD sources
- Universal IP streaming video decoding (H.264, V2D, ProServer/VNC, RDP)
- Silent operation
- Medium form factor
- Redundant network interface

Product specifications**OPSPACE OPS-220**

General specifications	
Order Information	R9822004B OpS-220 ThinClient Large Model US R9822004D OpS-220 ThinClient Large Model IN R9822004F OpS-220 ThinClient Large Model EU R9822004G OpS-220 ThinClient Large Model UK R9822004I OpS-220 ThinClient Large Model CN R9822004X OpS-220 ThinClient Large Model C13/C14 R9822004 OpS-220 ThinClient Large Model No Power Cable
Processor	Intel ^(R) Core ^(TM) i5 9th-gen Hex-core 4.2Ghz processor
Network	2x 1Gb/s LAN
Disk drive	128 GB Solid-State Disk SSD
Power consumption	230W (max)
Input	IP video sources (H.264), Video2Data (Barco V2D), Virtual Network Computing (VNC), Remote Desktop Protocol (RDP)
Power supply	100-240V, 8-4A, 50/60Hz
Compliance	CE, UKCA, CB/UL 60950/62368-1, ICES, CCC, FCC Class B Regulatory Model Id: P220
Form factor	3U ½ 19" Rackmount housing
Memory	8 GB
Humidity	Max. 80% (noncondensing)
OS	Linux
Dimensions	131.5mm x 220mm x 305mm 5.18in x 8.66in x 12.01in
Temperature range	0° -40°C 32° -104°F
Output	Up to 2x displays WUXGA 1920x1200 @60Hz (Display Port 1.2/OPS) Up to 2x displays WQHD 2560x1440 @60Hz (Display Port 1.2/OPS) Up to 1x display UHD 3840x2160 @60Hz (Display Port 1.2/OPS)
Graphics card	Professional high-performance NVIDIA Quadro-series graphic card
Noise Level	Max. 35dba (measured at 1m/32.8ft distance at 22°/72)

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