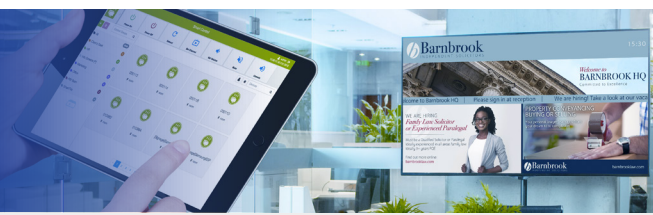


AvediaServer®

AvediaServer c1585 | avsrv-c1585



The c1585 provides an enterprise class hardware platform for AvediaServer installations. With up to 48TB of RAID 10 disk storage, dual redundant power supplies and two 10Gb ports in a compact 2U rack mountable chassis, the c1585 can deliver IPTV system control and client features in the most demanding of networks

Interfaces

- Two 802.3 1G/10G Ethernet (RJ-45) sockets plus IPMI
- Serial, VGA, 4 x USB

Storage

- 8 SATA hot swap disk bays
- Hardware based RAID controller

| Disk Option | SD Video (hours) | HD Video (hours) |
|---------------|------------------|------------------|
| 8TB (RAID10) | 2600 | 800 |
| 16TB (RAID10) | 5200 | 1600 |
| 32TB (RAID10) | 10400 | 3200 |
| 48TB (RAID10) | 15600 | 4800 |

Maximum Load

- ArtioView
 - 10,000 unique end points (portals) or
 - 600 Mbps recording or
 - 1800 VoD sessions or
 - A pro-rated mix of the above
- A suggested mixed model (ArtioView) is:
 - 6000 unique end points (portals)
 - 400 Mbps recording
 - 720 VoD sessions

Please contact VITEC to accurately specify this server platform.

Physical Format

- Compact 2U rack-mounted standard 19" chassis
- Chassis dimensions: W: 437mm x D: 647mm x H: 89mm
- Weight: 30kg (fully loaded)

Power

- Type: 740W dual redundant auto-switching
- AC Input: 100-240V, 60-50Hz, 10-5A
- Power consumption: Typical 150W, Max 225W

Environment

- Operating Temperature Range: 10° to 35°C (50° to 95°F)
- Non-operating Temperature Range: -40° to 70°C (-40° to 158°F)
- Operating Humidity Range: 8% to 90%
- Non-operating Humidity Range: 5% to 95%

Regulatory

- CE:** IEC 62368-1: 2014
 EN 62368-1:2014+A11:2017
 EN55032:2012
 EN55024:2010
 EN 61000-3-2:2014
 EN 61000-3-3:2013

- UL/CSA:** UL62368-1:2014
 CSA C22.2 No. 62368-1, Rev. February 17, 2012

- FCC:** 47CFR:2011 Part 15, Sub Part B
 ANSI C63-4:2009

- ACMA:** AS/NZS 62368.1:2018
 AS/NZS CISPR 22

Power Cords

- avsrv-c1585-Xtb-au = Australia and New Zealand
- avsrv-c1585-Xtb-uk = UK
- avsrv-c1585-Xtb-eu = Europe
- avsrv-c1585-Xtb-sa = South Africa
- avsrv-c1585-Xtb-us = North America

In the Box

- AvediaServer c1585 Hardware Platform with H/W RAID
- Rack mounting rail brackets
- 2 power cords
- Product Safety Brochure (hard copy)

Chassis and Software Module Compatibility

| | Core Software Modules | | | | | Bandwidth Options | | | | | | | | Hard Disk RAID Options | | | | | |
|--------------|-----------------------|-------|-------|-------|-------|-------------------|-------------|-------------|--------------|--------------|--------------|--------------|-----|------------------------|------|------|------|------|---|
| | | | | | | | | | | | | | | RAID 10 | | | | | |
| | m8105 | m8115 | m7205 | m7305 | m8365 | 110 Mbs | 220 Mbps | 550 Mbps | 1000 Mbps | 2000 Mbps | 3000 Mbps | 6000 Mbps | 4TB | 8TB | 16TB | 24TB | 32TB | 48TB | |
| c1520 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | | | |
| c1565 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | | |
| c1585 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | ✓ | ✓ |
| v1600 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |