

avsrv-c1585 -Xtb-##

AvediaServer c1585 Platform

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

- ArtioGuest
 - 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 (ArtioGuest) is:
 - 6000 unique end points (portals)
 - 400 Mbps recording
 - 720 VoD sessions

Please contact Exterity to accurately specify this server platform.

Physical Format

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

Power

- Type: 740W dual redundant auto-switching
- AC Input: 100–240V, 60–50Hz, 7.4-3.1A
- 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
 - EN62368-1:2014 + A11:2017
 - EN55032:2012 + AC:2013
 - EN55024:2010 + A1:2015
 - EN 61000-3-2:2014
 - EN 61000-3-3:2013
- **UL/CSA**
 - UL62368-1/CSA C22.2 No. 62368-1, Rev. February 17, 2012
- **FCC**
 - 47CFR Part 15, Sub Part B
 - ANSI C63-4:2014
- **ACMA**
 - AS/NZS 62368:2018
 - EN 55032:2012
 - 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

Chassis and Software Module Compatibility																		
AvediaServer Platform	Core Software Modules					Bandwidth Options								Hard Disk RAID 10 Options				
	<i>avsrv-mxxx (for example: avsrv-m8105)</i>					<i>avsrv-bw-xxx (for example: avsrv-bw-110)</i>								<i>avsrv-c1565-xtb/avsrv-c1585-xtb (for example: avsrv-c1565-4tb)</i>				
	<i>m8105</i>	<i>m8115</i>	<i>m7205</i>	<i>m7305</i>	<i>m8365</i>	<i>110 Mbps</i>	<i>220 Mbps</i>	<i>550 Mbps</i>	<i>1000 Mbps</i>	<i>2000 Mbps</i>	<i>3000 Mbps</i>	<i>6000 Mbps</i>	<i>4TB</i>	<i>8TB</i>	<i>16TB</i>	<i>24TB</i>	<i>32TB</i>	<i>48TB</i>
c1510-50	✓	✓	✓															
c1520	✓	✓	✓	✓	✓	✓	✓											
c1565	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		
c1585	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
v1600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						