



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
- 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, 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
- 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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							



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