



The c1565 provides an enterprise class hardware platform for AvediaServer installations. With up to 24 TB of RAID 10 disk storage, dual redundant power supplies and four 1Gb ports in a compact 1U rack mountable chassis, the c1565 can deliver IPTV system control and client features in the most demanding of networks.



Interfaces

- Four 802.3 100/1000 Ethernet (RJ-45) sockets plus IPMI
- Serial, VGA, 4 x USB

Storage

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

Disk Option	SD Video (hours)	HD Video (hours)
4TB (RAID10)	1300	400
8TB (RAID10)	2600	800
16TB (RAID10)	5200	1600
24TB (RAID10)	7800	2400

Physical Format

- Compact 1U rack-mounted standard 19" chassis
- Chassis dimensions: W: 437mm x D: 540mm x H: 43mm
- Weight: 18kg (fully loaded)

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%

Power

- Type: 400W dual redundant auto-switching
- AC Input: 100-240V, 60-50Hz, 4-1.7A
- Power consumption: Typical 100W, Max 150W

Regulatory

CE:

- IEC 62368-1: 2014
- EN 62368-1:2014+A11:2017
- EN55032:2012 + corrigenda Aug 2012 & Dec 2012
- EN55024:2010 + A1:2015
- 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 C63-4:2014

ACMA:

- AS/NZS 62368.1:2018

Power Cords

- avsrv-c1565-Xtb-au = Australia and New Zealand
- avsrv-c1565-Xtb-uk = UK
- avsrv-c1565-Xtb-eu = Europe
- avsrv-c1565-Xtb-sa = South Africa
- avsrv-c1565-Xtb-us = North America

In the Box

- AvediaServer c1565 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					
	m8105	m8115	m7205	m7305	m8365	110 Mbs	220 Mbs	550 Mbs	1000 Mbs	2000 Mbs	3000 Mbs	6000 Mbs	RAID 10					
													4TB	8TB	16TB	24TB	32TB	48TB
c1520	✓	✓	✓	✓	✓	✓	✓											
c1565	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
c1585	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
v1600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						