

avsrv-c1565 -Xtb-##

AvediaServer c1565 Platform

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
- Dimensions: W: 437mm x D: 540mm x H: 43mm (chassis only)
- Weight: 18kg (fully loaded)

Power

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

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 60950-1:2005 (Ed. 2.0) + Am 1:2009 +Am 2:2013
 - EN60950-1 2006 + A11:2009, A1:2010, A12:2011, A2:2013
 - EN55032:2012 + corrigenda Aug 2012 & Dec 2012
 - EN55024:2010 + A1:2015
 - EN 61000-3-2:2014
 - EN 61000-3-3:2013
- **UL/CSA**
 - UL60950-1/CSA C22.2 No. 60950-1, Second Edition. Rev. Oct 14, 2014
- **FCC:**
 - 47CFR Part 15, Sub Part B
 - ANSI C63-4:2014
- **ACMA:**
 - AS/NZS 60950.1:2015

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

Chassis and Software Module Compatibility

AvediaServer Platform	Core Software Modules					Bandwidth Options			Hard Disk RAID Options			
									RAID 10			
	m8105 avsrv-m8105	m8115 avsrv-m8115	m7205 avsrv-m7205	m7305 avsrv-m7305	m8365 avsrv-m8365	110 Mbps avsrv-bw-110	220 Mbps avsrv-bw-220	550 Mbps avsrv-bw-550	4TB avsrv-c1565-4tb	8TB avsrv-c1565-8tb	16TB avsrv-c1565-16tb	24TB avsrv-c1565-24tb
c1510-50 (avsrv-c1510-50)	✓	✓	✓									
c1520 (avsrv-c1520)	✓	✓	✓	✓	✓	✓	✓					
c1565 (avsrv-c1565)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
v1600 (avsrv-v1600)	✓	✓	✓	✓	✓	✓	✓	✓				