

Avedia Server c1565

Enterprise class 1U hardware platform



The c1565 provides an enterprise class hardware platform for Avedia Server installations, delivering 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

- Four 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, 6-3A
- Power consumption: Typical 100W, Max 150W

Features & Benefits

- Up to 24 TB of RAID 10 disk storage
- Dual redundant power supplies
- Four 1Gb ports in a compact 1U rack mountable chassis
- Four SATA hot swap disk bays to minimise down time

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
- Australia/New Zealand:
 - AS/NZS 62368.1:2018

In the Box

- Box 1:
 - Avedia Server c1565 Hardware Platform
 - Rack mounting rail brackets
 - 2 power cords
 - Product Safety Brochure (hard copy)
 - Disk Installation Instruction Guide
- Box 2:
 - 4 hard disks, pre-mounted in hot-swap caddies

Ordering Information (P/N)

Hardware Platforms

- 18342-xx Avedia Server - c1565 hardware platform 1U, 4TB RAID
- 18343-xx Avedia Server - c1565 hardware platform 1U, 8TB RAID
- 18344-xx Avedia Server - c1565 hardware platform 1U, 16TB RAID
- 06033-xx Avedia Server - c1565 hardware platform 1U, 24TB RAID
- 06039-xx PSU - c1565 replacement power supply

xx denotes the power cord variant (uk, eu, us, au)

Chassis and Software Module Compatibility																
	Core Software Modules			Bandwidth Options							Hard Disk RAID Options					
											RAID 10					
	m8105	m8115	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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						