

Avedia Server c1585

Enterprise class 2U hardware platform



The c1585 provides an enterprise class hardware platform for Avedia Server installations, delivering 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

- Eight 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

- ArtioView
 - 10,000 unique end points (portals)
 - or
 - 400 Mbps recording
 - or
 - 1800 VoD sessions
 - or
 - A pro-rated mix of the above
- A suggested mixed model (ArtioView) is:
 - 6000 unique end points (portals)
 - 400 Mbps recording
 - 720 VoD sessions

Features & Benefits

- Up to 48TB of RAID 10 disk storage
- Dual redundant power supplies
- Two 10GB ports in a compact 2U rack mountable chassis
- Eight SATA hot swap disk bays to minimise down time

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, 10-5A
- 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%

Please contact VITEC to accurately specify this server platform.

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 c1585 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)

- 06034-xx Avedia Server c1585 hardware platform 2U, 8TB RAID, 8 disk slots, hardware RAID control
- 06035-xx Avedia Server c1585 hardware platform 2U, 16TB RAID, 8 disk slots, hardware RAID control
- 06036-xx Avedia Server c1585 hardware platform 2U, 32TB RAID, 8 disk slots, hardware RAID control
- 06037-xx Avedia Server c1585 hardware platform 2U, 48TB RAID, 8 disk slots, hardware RAID control

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

Chassis and Software Module Compatibility																
	Core Software Modules			Bandwidth Options							Hard Disk RAID Options					
	m8105	m8115	m8365	110 Mbs	220 Mbps	550 Mbps	1000 Mbps	2000 Mbps	3000 Mbps	6000 Mbps	RAID 10					
											4TB	8TB	16TB	24TB	32TB	48TB
c1520	✓	✓	✓	✓	✓											
c1565	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓		
c1585	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
v1600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						