

AvediaServer Hardware Platform c1555

The c1555 provides an enterprise class hardware platform for AvediaServer installations. With up to 14 TB of RAID disk storage and dual redundant power supplies the c1555 can deliver IPTV system control and features in the most demanding of networks.



- Supports all AvediaServer Modules
- Up to 500Mbps play / 200Mbps record capability
- Flexible redundant disk storage with RAID 5 options up to 14 TB
- Dual redundant power supplies fitted as standard

Technical Specification

Storage

8 SATA hot swap disk bays

Hardware based RAID controller

DVD ROM Optical drive

Disk Option (RAID 5)	SD video (hours)	HD video (hours)
4TB	1300	400
8TB	2600	800
14TB	4600	1400

Disk options are based on RAID 5 arrays and storage examples above assume SD 6 Mbps, HD 20Mbps.

Regulatory

CE UL, CSA, FCC compliant EMC:

EN55022: 2006

EN55024: 1998 +A1:2001, A2:2003

EN61000-3-2:2006 EN61000-3-3:1995 + A1: 2001 +A2 2005

FCC 47 CFR Part15 Subpart B, ICES-003 Issue 4

ANSI C63.4.2003

Safety:

IEC 60950-1:2005 (Ed 2.0)

AS/NZS 60950.1:2011

CSA 60950-1-07, Second edition UL 60950-1, -Second Edition
Certified to U.S. Stds

Interfaces

Two 802.3 10/100/1000 Ethernet (RJ-45) sockets

Serial, VGA, PS/2 keyboard and mouse connectors, 2 x USB

Physical Format

2U rack-mounted standard 19" chassis

Dimensions:

W: 483 mm x D: 692 mm x H: 88 mm

Weight: 27kg (fully loaded)

Environment:

Operating Temperature Range: 10° - 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: 720W dual redundant auto-switching

AC Input: 100–240V, 60–50Hz, 10A Max

Compatibility

	Core Software modules			Bandwidth options			Hard Disk RAID options		
	Director	Producer	Creator	100 Mbps	200 Mbps	500 Mbps	4 TB	8 TB	14 TB
Platforms	m7100	m7200	m7300	avsrv-bw-100	avsrv-bw-200	avsrv-bw-500	avsrv-hd-4000	avsrv-hd-8000	avsrv-hd-14000
c1510	✓	✓	✓	✓	✓				
c1555	✓	✓	✓	✓	✓	✓	✓	✓	✓
v1600	✓	✓	✓	✓	✓	✓			