

AvediaServer Hardware Platform c1555

Manage

The c1555 provides an enterprise class hardware platform for AvediaServer installations. With up to 24 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/record capability
- Flexible redundant disk storage with RAID6 options up to 24 TB
- Dual redundant power supplies fitted as standard

Interfaces

Two 802.3 10/100/1000 Ethernet (RJ-45) sockets
Serial, VGA, 2 x USB

Storage

8 SATA hot swap disk bays
Hardware based RAID controller

| Disk Option | SD Video (hours) | HD Video (hours) |
|---------------------|------------------|------------------|
| 4TB (RAID) | 1300 | 400 |
| 8TB (RAID) | 2600 | 800 |
| 14TB (RAID) | 4600 | 1400 |
| 24TB (RAID6) | 7800 | 2400 |

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%



Physical Format

2U rack-mounted standard 19" chassis
Dimensions: W:483 mm x D: 692 mm x H: 88 mm
Weight: 27kg (fully loaded)

Regulatory

CE:
EN55022:2010, EN55024:2010, EN61000-3-2:2006 + A1:2009 + A2:2009, EN61000-3-3:2008, IEC 60950-1:2005 (Ed. 2.0) + Am 1:2009 + Am 2:2013, EN60950-1 2006 + A11:2009, A1:2010, A12:2011, A2:2013

FCC/UL/CSA:

FCC 47 CFR Part 15 Subpart B, ANSI C63.4-2003, UL60950-1/CSA C22.2 No. 60950-1, Second Edition. Rev. October 14, 2014

Power

Type: 720W dual redundant auto-switching
AC Input: 100–240V, 60–50Hz, 10A Max
Fully populated power consumption: 260W

AvediaServer Compatibility

| | Core Software modules | | | Bandwidth options | | | Hard Disk RAID options | | | |
|----------------|-----------------------|----------|---------|-------------------|--------------|--------------|------------------------|---------------|----------------|----------------|
| | Director | Producer | Creator | 100Mbps | 200Mbps | 500Mbps | 4 TB | 8TB | 14TB | 24TB |
| Platforms | m7100 | m7200 | m7300* | avsrv-bw-100 | avsrv-bw-200 | avsrv-bw-500 | avsrv-hd-4000 | avsrv-hd-8000 | avsrv-hd-14000 | avsrv-hd-24000 |
| c1510 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| c1555** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| v1600 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |

* A bandwidth option is required for the m7300.

** A hard disk RAID option is required for the c1555.

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