

AvediaStream Chassis c1210

The AvediaStream c1210 chassis comprises of ten hot-swap module slots capable of accepting the latest Exterity AvediaStream Blades. All slots are capable of streaming TV and Radio (news, sports, entertainment, educational) HD and SD channels over your existing network.

- Each blade slot provides two Ethernet and one admin connector
- Up to three hot-swap PSUs (two supplied as standard)
- Five hot-swap fan modules
- Passive backplane for cutting edge IPTV reliability
- Aluminium chassis for lighter weight and easy to use carry/rack positioning handles
- Simple installation to get IPTV systems up and running quickly
- Hot-swap IPTV system blades and chassis power supplies enable quick and non-intrusive upgrades to existing installations and provide a high level of redundancy
- Ten fully independent blade slots
- 19" rack mountable



Technical Specifications

Interfaces

- Ten Exterity blade slots, one Monitor blade slot
- Twenty 802.3 10/100/1000 Ethernet (RJ-45) sockets (two per blade slot)*
- One 802.3 10/100 Ethernet (RJ-45) Socket for monitor blade slot
- Eleven Serial RS232 Ports (RJ-45) for local administration of each Exterity blade

Hot-swap Parts

- Ten Exterity blade slots each capable of accepting the latest Exterity Encoders, Transcoders or TVgateways (see table for details)
- One Exterity Monitor blade slot
- Up to three PSU's allowing replacement of any supply without affecting IPTV services
- Five fan modules allowing quick replacement in the event of a fan fail

End Panels

Supplied with ten blank blade slot ends and one blank monitor blade end. Blank blades slot ends protect chassis slots and ensure efficient chassis airflow and temperature management

Physical Dimensions

- Height: 180 mm (7 inch)
- Width: 444 mm (17.5 inch)
- Length: 274 mm (10.79 inch)
- Standard 19 inch server rack occupying 4u

Weight:

- Chassis: 6.0kg
- PSU: 1.0kg each

* Exterity blade firmware support is required for full use of dual Ethernet per slot, contact support@exterity.com for full details of compatible products.

Exterity Product	AvediaStream c1210 chassis compatibility
AvediaStream TVgateway Blades g41xx/g42xx	No
AvediaStream TVgateway Blades g43xx	Yes
AvediaStream Transcoder Blade t3610	Yes
AvediaStream MPEG-2/MPEG-4 H.264 SD Encoder Blades e23xx / e26xx	Yes
AvediaStream MPEG-2/MPEG-4 H.264 HD Encoder Blades e36xx	Yes
AvediaStream MPEG-4 H.264 HD Encoder Blades e35xx	Yes from hardware type DL-E-x

Regulatory

CE:

EN55022:2010, EN55024:2010

EN61000-3-2: 2006 + A1: 2009 + A2: 2009, EN61000-3-3: 2008, EN61000-4-2: 2009, EN61000-4-3: 2006 + A1: 2007 + A2: 2010, EN61000-4-4: 2004, EN61000-4-5: 2006, EN61000-4-6: 2009, EN61000-4-11: 2004

IEC 60950-1:2005 (Second Edition), Am 1: 2009, EN 60950-1:2006/A12:2011

UL/CSA:

47CFR:2011 Part 15, Sub Part B, ANSI C63-4:2003

CAN/CSA C22.2 No. 0-M, CAN/CSA C22.2 No. 60950-1-07, ANSI/

UL 60950-1 2nd edition

Power

- Up to three hot-swap 110-240v (50Hz-60Hz) 300W PSUs with individual power cords
- N+1 PSU redundancy
- Power consumption 10-500W (depending on blade configuration)

Environment

Operating: 0 ...+40°C / +32 ... +122°F

Storage: -20 ...+70°C / -4 ... +158°F

Operating Relative Humidity: 5 -95% (non-condensing)

	c1101	c1103	c1110	c1210
Hot swap Fans			✓	✓
Hot swap PSUs			✓	✓
Redundant PSUs			✓	✓
19" Rack Mountable		✓	✓	✓
Hot swap Blades	✓	✓	✓	✓
Dual Ethernet Port per Blade				✓

To download the latest detailed technical specifications for each AvediaStream chassis, please visit www.exterity.com

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Version

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