AvediaStream® Chassis

AvediaStream c1210 Chassis

Datasheet | avstr-c1210

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

Overview

- Each blade slot provides one admin and two Ethernet connectors
- 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

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 Gateways (see table for details)
- One Exterity Monitor blade slot
- Up to three PSUs allowing replacement of any supply without affecting IPTV services
- Five fan modules allowing quick replacement in the event of a fan failure

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

Weight

- Chassis: 6.0kg; PSU: 1.0kg each

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

Environment

- Operating: 0 ...+40°C / +32 ... +122°F
- Storage: -20 ...+70°C / -4 ... +158°F
- Operating Relative Humidity: 5 - 95% (non-condensing)

Regulatory

CE:

- IEC 62368-1: 2018 Edition 3.0
- EN55032:2012
- EN55024:2010
- EN61000-3-2: 2006 +A1: 2009 + A2: 2009
- EN61000-3-3: 2008

UL/CSA:

- UL62368-1:2019
- CSA C22.2 No. 62368-1:19

FCC:

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

ACMA:

- AS/NZS CISPR 22:2009
- AS/NZS CISPR 32
- IEC 62368-1:2018
- AS/NZS 62368.1.2018

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

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In the Box

- AvediaStream c1210 chassis (includes two c1110-pwr-## power supplies)
- Product Safety Brochure (hard copy)
- Power cords
- Serial Adaptor

Compatibility

Exterity Product	AvediaStream c1210 compatibility
AvediaStream Gateway blades g41xx/g42xx	No
AvediaStream Gateway 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

	c1101	c1103	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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