AudioCodes Mediant 800 Multi Service Business Router 2x E1 (M800C-2ET4S-A1GES)

Product Name: AudioCodes Mediant 800 Multi Service Business Router 2x E1 (M800C-2ET4S-A1GES)
Manufacturer: AudioCodes
Model Number: M800C-2ET4S-A1GES

AudioCodes Mediant 800 Multi Service Business Router 2x E1 (M800C-2ET4S-A1GES)
The AudioCodes M800C-2ET4S-A1GES is an all-in-one router combining access, data, voice and security in a single device. It is ideal for managed data, SIP trunking, hosted PBX and cloud services, and allows service providers to deploy flexible and cost-effective solutions and to maximise revenue opportunities while minimising CAPEX and OPEX. Designed specifically to meet the needs of SMBs and SMEs, the Mediant™ 800 MSBR’s unique multi-core architecture provides consistent high performance across all services, allowing end customers to get the most from their broadband connections for both data and voice applications.
 AudioCodes M800C-2ET4S-A1GES Key Features

ï¿½ 4 WAN Interfaces
ï¿½ 124 TDM Sessions
ï¿½ 12 LAN Interfaces
ï¿½ WiFi 802.11n
ï¿½ Comprehensive interoperability
ï¿½ All-in-one functionality
ï¿½ Multiple interfaces
ï¿½ Superior quality
ï¿½ High resiliency

 AudioCodes M800C-2ET4S-A1GES Technical Specification
Capacity

ï¿½ Mediant 800B:- Max. Signaling/Media Sessions: 60- Max. Registered Users: 500- Transcoding Sessions: 57
ï¿½ Mediant 800C:- Max. Signaling/Media Sessions: 200- Max. Registered Users: 600- Transcoding Sessions: 110

Networking Interfaces

ï¿½ WAN: Multiple WAN support for T1/E1, SHDSL, ADSL2+, VDSL2 vectoring, 100Base-X, 1000Base-X (SFP Format)
ï¿½ LAN: Up to 12 ports 10/100/1000Base-T with option for Power over Ethernet on all ports. (PoE 802.3 at up to 30W per port/200W total)
ï¿½ WiFi: WiFi access point support for 802.11 a/b/g/n

Telephony Interfaces

ï¿½ Digital Interfaces: Up to 4 span E1/T1/J1 using RJ-48c connectors, 8 BRI ports using RJ-48c connectors with 5 PPM high precision clock source
ï¿½ Analog Interfaces: UP to 12 analog FXS/FXO ports using RJ-11 connectors, option of 1 FXS lifeline port in case of power failure

Voice Features

ï¿½ Voice Coders: G.711, G.723.1, G.729A, G.722, AMR-WB, AMR-NB, SILK-NB, SILK-WB, OPUS-NB, OPUS-WB
ï¿½ Echo Cancellation: G.165 and G.2002-168, with 64 ,32 or 128 msec tail length

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ï¿½ Fax Transport: T.38 compliant (real time fax), automatic bypass to PCM

Data Routing

ï¿½ PPP, MLPPP, PPPoE, PPPoA, L2TP, IPoE, IPoA
ï¿½ OAM-F5 (send/receive): loopback, continuity check
ï¿½ DHCP client, relay, server
ï¿½ VLAN and IEEE 802.1Q VLAN tagging
ï¿½ Layer 3 routing and layer 2 bridging, jumbo frames
ï¿½ Internal layer 2 switching
ï¿½ Static and dynamic routing (RIP1, RIP2, OSPFv2, BGP), policy-based routing
ï¿½ Multicast routing: IGMPv2
ï¿½ IPv6, IPv6/IPv4 Dual Stack, ICMPv6, DHCPv6, SLAAC

Control and Management

ï¿½ Control Protocols: SIP-TCP, SIP-UDP, SIP-TLS and IPv6 supported
ï¿½ Operations & Management:- AudioCodes’ One Voice Operation Center- Embedded HTTP Web Server, SNMP V2/V3, SSH, Telnet, TR-69,TR-098, TR-181,TR-104- User authentication and access control via HTTP or HTTPS, RADIUS, TACACS, Syslog (for events and alarms)- Zero Touch Provisioning

Quality of Service

ï¿½ IEEE 802.1P, DSCP, TOS, DiffServ labeling, WRED,
ï¿½ Marking, policing, and shaping, class-based queuing with prioritization, queuing based on VLAN

Security

ï¿½ Voice Security - Session Border Controller (SBC):- SIP header conversion, SIP normalisation- Survivability- IP-to-IP routing translation of various SIP transport types; UDP, TCP, TLS, translation of RTP, SRTP- Support SIP trunk with multi-ITSP (registrations to ITSPs are invoked independently)- Topology hiding- Call Admission Control- Call black/white list
ï¿½ Data Security:- IPSec- ESP – Tunnel mode- Encryption protocols: 3DES, AES, SHA-256, MD-5- IDS/IPS (fragmented traffic, malformed request, ping of death, properly formed request from unauthenticated source, DDoS attack, SYN flood) - Stateful packet inspection firewall- DMZ host- Packet filtering- Network Access Control - 802.1x

Physical/Environmental

ï¿½ Dimensions: 1U x 320mm x 345mm (HxWxD)
ï¿½ Weight: Approx. 5.95lb (2.7kg) loaded with OSN
ï¿½ Mounting: Desktop or 19” rack mount
ï¿½ Power:- Mediant 800B: Internal AC power supply rated: 100-240V 4A 50- 60 Hz- Mediant 800C: Internal AC power supply rated: 100-240 VAC ~50- 60Hz 1.5A maximum (Optional) Additional 12V 10A DC power, via an AudioCodes external AC/DC power adaptor

OSN Server Platform (Optional)

ï¿½ Single Chassis Integration: Optional embedded, x86, Intel-based Open Solution Network platform for third-party applications

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Price: Â£3,769.50