## AudioCodes Mediant 500Li Multi Service Business Router 4 BRI (M500L-i4B-AGECS)

Product Name: AudioCodes Mediant 500Li Multi Service Business Router 4 BRI (M500L-i4B-AGECS)
Manufacturer: AudioCodes
Model Number: M500L-i4B-AGECS

AudioCodes Mediant 500Li Multi Service Business Router 4 BRI (M500L-i4B-AGECS)
The AudioCodes M500L-i4B-AGECS is a robust, all-in-one router combining access, data, voice and security in a single device. It is an ideal product for service providers looking to provide managed data, SIP trunking and hosted VoIP solutions to small businesses and branch offices. Designed specifically to meet the increasing data and voice needs of SOHOs and SMBs, the Mediant&trade; 500Li supports consistent high performance across all access technologies, allowing end customers to get the most from their broadband connections.
AudioCodes M500L-i4B-AGECS Key Features

ï¿½ 4 WAN Interfaces
ï¿½ 8 TDM Sessions
ï¿½ 8 LAN Interfaces
ï¿½ Integrated WiFi
ï¿½ 1Gbps Performance
ï¿½ PoE Options

AudioCodes M500L-i4B-AGECS Technical Specifications
Networking Interfaces

ï¿½ WAN: Multi WAN: copper Ethernet 10/100/1000; fiber (SFP), xDSL - ADSL2+ over POTS or ISDN, VDSL2, VDSL 35b; Cellular 4G/LTE as embedded modem or USB dongle
ï¿½ LAN: 4 (default) or 8 ports 10/100/1000Base-TX with optional PoE 802.3af
ï¿½ WiFi: WiFi access point support for 802.11ac 2.4G or 5G

TDM Interfaces

ï¿½ Digital Interfaces: Up to 4 BRI ports
ï¿½ Analog Interfaces: Up to 8 FXS
ï¿½ Analog/Digital Interfaces: 2 FXS and 2 BRI configuration

Voice Features

ï¿½ SBC Capacity:- 20 Signaling/Media Sessions- 200 Registered Users
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
ï¿½ Fax Transport: T.38 compliant (real time fax), automatic bypass to PCM

Data Routing

ï¿½ Routing functionality:- PPP, MLPPP, PPPoE, PPPoA, L2TP, IPoE, IPoAATM: Up to 8 PVCs- OAM-F5 (send/receive): loopback, continuity check- DHCP client, relay, server- VLAN and IEEE 802.1Q VLAN tagging- Layer 3 routing and layer 2 bridging, jumbo frames- Internal layer 2 switching- Static and dynamic routing (RIP1, RIP2, OSPFv2, BGP), policy-based routing- Multicast routing: IGMPv2- IPv6, IPv6/IPv4 Dual Stack, ICMPv6, DHCPv6, SLAAC

Control and Management

## AudioCodes Mediant 500Li Multi Service Business Router 4 BRI (M500L-i4B-AGECS)

ï¿½ Control Protocols: SIP-TCP, SIP-UDP, SIP-TLS and IPv6 supported
ï¿½ Operations &amp; Management:- AudioCodes&rsquo; 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 prioritisation, queuing based on
VLAN

Security

ï¿½ Voice Security - Session Border Controller (SBC):- SIP header conversion, SIP normalisation-
Survivability- IP-to-IP routing translations 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 with IKEv2- ESP &ndash; 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: 43.7 (1U) x 310 x 210 mm (HxWxD)
ï¿½ Weight: 4.4 lb (2.0kg)
ï¿½ Mounting: Desktop or 19&rdquo; rack mount
ï¿½ Power: 100-240V, 50-60 Hz, 0.8A

**Price: $984.87**