

# AudioCodes Enterprise SBC

# Connect. Protect. Monitor.

AudioCodes' Enterprise Session Border Controller (E-SBC) products provide businesses with the interoperability, survivability, security and quality assurance required to connect their IP-based communications platforms with branch offices and service provider networks.

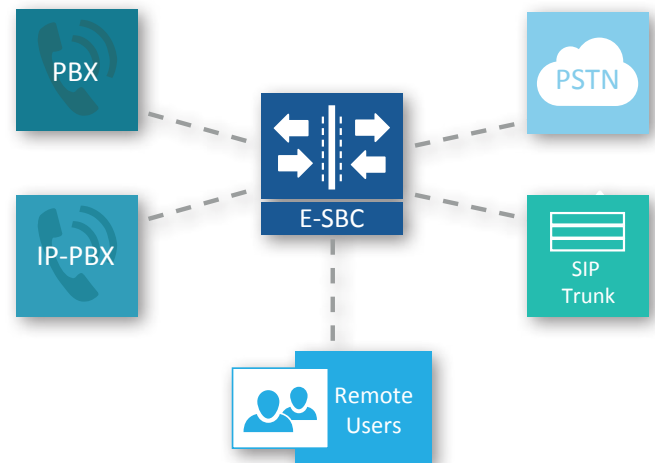
Based at the business premises, the E-SBC acts as the demarcation point between the enterprise VoIP network and the service provider's SIP-based services such as SIP trunking or hosted unified communications applications. AudioCodes E-SBCs support High Availability at any scale to ensure uninterrupted communications. They enable secure and reliable connectivity of remote users within a centralized unified communications or IP contact center architecture.

## AudioCodes E-SBC Benefits

- Broad selection of pure IP and hybrid (IP/TDM) platforms to suit any deployment
- Vast SIP mediation and extensive interoperability
- Complete perimeter defense for the enterprise
- High Availability, Survivability and Resiliency for branch offices and SMBs
- Single managed point of demarcation
- Enhanced Quality of Experience (QoE)
- Software license scalability
- Supported by AudioCodes Routing Manager for end-to-end routing

## Applications

- SIP trunking
- IP contact centers
- Hosted UC applications
- WebRTC gateway
- Remote and mobile worker support
- Connecting to multiple service providers with least cost routing capability
- SIP mediation between UC and IP-PBX systems



# AudioCodes Enterprise SBC



## Pure SBCs



	Mediant 2600	Mediant 4000	Mediant 9000	Software SBCs	
				Mediant VE	Mediant SE
<b>Max. SBC Sessions</b>	600	5,000	50,000	6,000	24,000
<b>Max. Transcoding Sessions</b>	600	5,000	25,000 (with media transcoding cluster)	350	-
<b>Chassis Form Factor</b>	1U	1U	1U	-	-
<b>1+1 Redundancy</b>	√	√	√	√	√
<b>Voice Quality Monitoring</b>	√	√	√	√	√
<b>OSN Server Platform (optional)</b>	-	√	-	-	-

## Hybrid SBCs



	Mediant 500L	Mediant 500	Mediant 800	Mediant 1000	Mediant 3000
<b>Max. SBC Sessions</b>	60	250	400	150	1,008
<b>Max. Transcoding Sessions</b>	*	*	57	96	1,008
<b>Max. TDM Channels</b>	8	30	124	192	2,016
<b>Chassis Form Factor</b>	1U	1U	1U	1U	2U
<b>Redundancy</b>	-	Two box redundancy	Two box redundancy and dual power supply	Redundant power supply	Full hardware
<b>Data Firewall and Router (Optional)</b>	√	√	√	-	-
<b>Voice Quality Monitoring</b>	√	√	√	√	√
<b>OSN Server Platform (optional)</b>	-	-	√	√	-

## SBC Common Features

Security	Interoperability	Quality of Experience
<ul style="list-style-type: none"> <li>- Denial of Service protection</li> <li>- VoIP Firewall and deep packet inspection</li> <li>- Encryption and Authentication</li> <li>- Topology Hiding</li> <li>- Traffic Separation</li> </ul>	<ul style="list-style-type: none"> <li>- Wide ITSP and PBX interoperability</li> <li>- Transport Mediation</li> <li>- Header Manipulation</li> <li>- Extensive Transcoding and Vocoders</li> <li>- NAT Traversal</li> <li>- WebRTC gateway</li> </ul>	<ul style="list-style-type: none"> <li>- Call Admission Control</li> <li>- VoIP prioritization</li> <li>- Packet Loss Concealment</li> <li>- Signaling and Media failover</li> <li>- Fixed and dynamic Gain Control</li> <li>- Full QoE monitoring: Jitter, Packet Loss, Delay and MOS</li> </ul>

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