

# AudioCodes CPE & Access Gateway Products

## Residential Gateways Line



### ALL-IN-ONE MULTIMEDIA GATEWAYS FOR COMPLETE HOME NETWORK SERVICES

The **AudioCodes Residential Gateways** Line enables Telcos and Service Providers to increase their subscribers' loyalty, win new residential customers and boost their revenues while satisfying consumer appetite for smart innovative services and user experience.

Model	WAN Access	LAN	WiFi	FXS	DECT	USB 2.0	Bluetooth
MP262	VDSL2 / ADSL2+/ Eth WAN	4 x FE*	802.11b/g/n	2	-	2	-
MP262-DB	VDSL2 / ADSL2+/ Eth WAN	4 x FE*	802.11b/g/n	2	√	2	√
MP264	VDSL2 / ADSL2+/ GbE WAN	4 x GbE*	802.11b/g/n	2	-	2	-
MP264-DB	VDSL2 / ADSL2+/ GbE WAN	4 x GbE*	802.11b/g/n	2	√	2	√
MP263	VDSL2 / ADSL2+/GbE	4 x FE	802.11b/g/n	2	-	2	-
MP263-DB	VDSL2 / ADSL2+/GbE	4 x FE	802.11b/g/n	2	√	3	√
MP272	GbE WAN	4 x FE	802.11b/g/n	2	-	2	-
MP272-DB	GbE WAN	4 x FE	802.11b/g/n	2	√	2	√

\*When Ethernet WAN is used, the number of LAN ports is reduced to 3.

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### SOFTWARE SPECIFICATIONS\*

WAN Access	
ADSL	ADSL (ITU-TG.992.1 Annex A,B), ADSL2 (ITU-TG.992.3 Annex A,B,I,J,L,M), ADSL2+ (ITU-TG.992.5 Annex A,B,I,J,L,M) Multiple VC/PPP connections
VDSL profiles	VDSL2 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a profiles (ITU-T G.993.2)
Ethernet WAN	10/100/1000Base-TMbps Ethernet port, configurable for optional connection to Cable/xPON modems
3G backup (optional)	Support for 3G USB dongle for primary WAN backup

Data Routing and Security	
Data Protocols	IPv4 (IPv6 ready), PPPoE, PPPoA, PPTP, L2TP, DNS proxy, Dynamic DNS, DHCP Client, Server and Proxy, IP Multicast (IGMP proxy, snooping), NAT - RFC3022, Application Layer Gateway (ALG), Port Triggering, UPnP auto-configuration and port-forwarding (IGD)
QoS	IEEE 802.1p/Q (QoS & VLAN Tagging) ToS/Diffserv QoS Traffic prioritization and shaping
Data Security and Firewall	SPI Firewall, URL filtering, Advanced Access Control, Denial of Service Prevention, Configuration File Encryption, Web Authentication, HTTPS provisioning, IPsec
SIP Security	SIP over TLS (SIPS)

Wireless LAN	
Wireless Standards	Integrated 802.11b/g/n 2x2 WiFi Access Point, Multiple SSID support, up to 300Mbps
Wireless Security	802.1x authentication, WPA, WPA2, WPA/WEP mixed mode, TKIP Encryption, MAC Filtering, WPS, Web authentication

Voice over IP	
Signaling Protocols	SIP over TCP/UDP - RFC 3261 Interoperability with leading Softswitches Up to 7 individual SIP accounts with 4 concurrent calls
Media Processing	Voice Codecs G.711µ/a-law, G.729A/B, G.722 (for HD VoIP), G.722.2(WB-AMR) Analog Signaling Caller ID (Bellcore, ETSI, DTMF), MWI DTMF detection and generation, in-band and out-of-band Customized tones generation T.38 Fax Relay, VBD (Voice Band Data), Bypass High definition fax over HTTPS for enhanced reliability and security
DECT	GAP and CAT-iq 2.0 compliance (MP2xx-DB) Software upgradability to comply with future CAT-iq versions Up to 5 registered DECT handsets An optional DECT handset design
Micro PBX (optional)	Up to 7 lines/telephone numbers with flexible assignment to DECT extensions Call Waiting, Call Hold, Call Transfer, Call Forward, Hot Line, 3-Way Conference with local mixing, Auto Attendant, Hunt Group Do Not Disturb, Flexible dialing plan
Mobile@Home (optional)	Mobile phone connection via Bluetooth Address book sharing Use of DECT/POTS handset to receive mobile calls at home

Home Media	
Files Server	Support for USB 1.1/2.0 NTFS/FAT32 storage devices Windows networking and file sharing, WINS server
Print Server	Support for USB 1.1/2.0 printers LPD, Microsoft Printer-sharing Protocol (CIFS), Internet Printing Protocol (IPP) Printer administration, management, and diagnostics via simple web-based interface
Media Server (optional)	UPnP AV Media Server (1.0, 2.0) for streaming audio/video content anywhere in the local network
Parental Control (optional)	Advanced Content Filtering, Separate Profile per child, YouTube clean enforcement, Online time management, Web parent portal for profile management

Management and Configuration	
Auto Provisioning	Automated firmware and configuration upgrade via HTTP/HTTPS/TFTP/FTP
Administration and Diagnostics	Internal Web Server for Configuration and Management TR-069, TR-104, TR-111 CLI over Telnet Advanced debugging and diagnostics tools Integrated BroadSoft PacketSmart agent for Voice Quality of Experience (QoE) management Local Support and Troubleshooting with web interception and voice notification

Physical Specification	
Weight and Dimensions	170x225x35 mm, 560g
Power	Power +12 VDC, 2.5A External Power Adaptor, 100-240 VAC/50-60 Hz
Battery Backup	Optional battery backup for up to 2 hours idle/30 min. talk time (FXS)
Temperature Range	Operating Temperature 0° to 40°C, Storage Temperature -25° to 80°C

### ABOUT AUDIOCODES

AudioCodes Ltd. (NasdaqGS: AUDC) designs, develops and sells advanced Voice-over-IP (VoIP) and converged VoIP and Data networking products and applications to Service Providers and Enterprises. AudioCodes is a VoIP technology market leader focused on converged VoIP and data communications and its products are deployed globally in Broadband, Mobile, Enterprise networks and Cable. The Company provides a range of innovative, cost-effective products including Media Gateways, Multi-Service Business Routers, Session Border Controllers (SBC), Residential Gateways, IP Phones, Media Servers and Value Added Applications. AudioCodes' underlying technology, VolPerfectHD™, relies on AudioCodes' leadership in DSP, voice coding and voice processing technologies. AudioCodes' High Definition (HD) VoIP technologies and products provide enhanced intelligibility and a better end user communication experience in Voice communications.

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\* This datasheet contains preliminary information. For specific software availability please contact an AudioCodes sales representative.