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.

Available Configurations							
Model	**Access**	**LAN**	**Wi-Fi**	**FXS**	**DECT**	**USB 2.0**	**Bluetooth**
MP252-BW	ADSL2+	4 x FE	802.11 b/g/n	2	-	1	-
MP252-WDNB	ADSL2+	4 x FE	802.11 b/g/n	2	√	3	√
MP261-R	VDSL2 / ADSL2+	4 x FE	802.11 b/g/n	-	-	2	-
MP262	VDSL2 / ADSL2+	4 x FE	802.11 b/g/n	2	-	2	-
MP262-DB	VDSL2 / ADSL2+	4 x FE	802.11 b/g/n	2	√	3	√
MP264	VDSL2 / ADSL2+	4 x GBE	802.11 b/g/n	2	-	2	-
MP264-DB	VDSL2 / ADSL2+	4 x GBE	802.11 b/g/n	2	√	3	√
MP274	GbE WAN	3 x GBE	802.11 b/g/n	2	-	2	-
MP274-DB	GbE WAN	3 x GBE	802.11 b/g/n	2	√	3	√

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Software Specifications*

WAN Access	
ADSL	ADSL (ITU-TG.992.1,AnnexA,B), ADSL2(ITU-TG.992.3 Annex A,B,I,J,L,M), ADSL2+(ITU-TG.992.5 AnnexA,B,I,J,M) Multiple VC/PPP connections, PVC Scanning
VDSL	VDSL2 30a profile
Ethernet WAN	10/100/1000Base-TMbps Ethernet port, configurable for optional connection to Cable/xPON modems
3G backup	Support for 3G USB dongle for primary WAN backup
Data Routing and Security	
Data Protocols	IPv4, IPv6, 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
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 4 individual SIP accounts with 4 concurrent calls
Media Processing	Voice Codecs G.711µ/a-law, G.729A/B, G.723.1, G.722 (for HD VoIP) , G722.2(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	Up to 4 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, Hunt Group, Do Not Disturb, Flexible dialing plan, Auto Attendant
Mobile@Home	Mobile phone connection via Bluetooth Address book sharing Use of DECT handset to receive mobile calls at home
Home Media	
File 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)	DLNA for streaming audio/video content anywhere in the local network
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

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

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 & 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 Gateways, Session Border Controllers (SBC), Residential Gateways, IP Phones, Media Servers and Value Added Applications. AudioCodes' underlying technology, VoIPerfectHD™, 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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