

MP-252

Multimedia Home Gateway



- ADSL/ADSL2+ modem, up to 24Mbps
- 10/100 Ethernet WAN port (optional connection to cable modem or FTTH ONU)
- Four 10/100 Ethernet LAN ports
- High-speed wireless network (802.11 b/g/n), up to 150Mbps
- Router, Firewall, NAT and advanced traffic prioritization mechanisms
- Integrated DECT/CAT-iq™ Home PBX with up to 6 DECT extensions supporting 4 concurrent HD VoIP calls
- 2 FXS ports for analog phones and fax machines
- Guaranteed QoS for IPTV service
- Mobile@Home - Bluetooth support for mobile phone synchronization
- Print server and File server, accessible from every computer on the home network
- Advanced TR-069 management, interoperable with leading Auto-Configuration Servers (ACS)
- Optional battery backup for up to 4 hours standby

The **MediaPack™ 252 (MP-252)** is a sophisticated, feature-rich, multimedia home gateway for broadband networks with Multi-play support. With ADSL2+ modem, multiple antenna wireless LAN connectivity, DECT handsets supporting HD VoIP, Bluetooth interface for connecting cellular phones and optional battery backup, this is a true all-in-one gateway for Multi-play services.

VALUE ADDED SERVICES

The MP-252 is ideal for operators, seeking new revenue generators with state-of-the-art features, such as:

- High-speed wireline broadband access with optional WAN backup using 3G USB dongles
- HD VoIP Telephony and PBX capabilities, including flexible configuration of individual SIP accounts per DECT extension
- Provision for IPTV and gaming (QoS guarantee), high-speed WLAN for streaming
- Home Media sharing storage disks, printers and security cameras

BENEFIT FROM AUDIOCODES EXTENSIVE EXPERIENCE

The new MP-252 is based on AudioCodes' MP-2xx line of Residential Gateways and AudioCodes VoIPerfect™ software architecture. The MP-252 is interoperable with various Softswitches and supports advanced TR-069 management, working with market leading Auto-Configuration Servers (ACS). Other management tools, such as a friendly HTTP-based Web GUI, SNMP, and Command Line Interface (CLI) are also available.



All-In-One Home Network Service

AudioCodes CPE & Access Gateway Products

MP-252

SPECIFICATIONS*

Available Hardware Configurations						
Model	ADSL +4 LAN	WiFi	DECT HD VoIP	VoIP 2 FXS	Bluetooth	USB 2.0
MP-252-BW	√	802.11n		√		1
MP-252-WDNB	√	802.11n	√	√	√	3
WAN Access						
ADSL	ADSL (ITU-T G.992.1 Annex A, B), ADSL2 (ITU-T G.992.3 Annex A, B, I, J, L, M), ADSL2+ (ITU-T G.992.5 Annex A, B, I, J, M) Multiple VC/PPP connections, PVC Scanning					
Ethernet WAN	10/100Mbps Ethernet port, configurable for optional connection to Cable/xPON modems					
3G backup for ADSL	Optional support for 3G USB dongle for 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					
SIP Security	SIP over TLS (SIPS)					
Wireless LAN						
Wireless Standards	Integrated 802.11b/g/n WiFi Access Point, Multiple SSID support					
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 MGCP (upon request)*					
Media Processing	Voice Codecs G.711μ/a-law, G.729A/B, G.723.1, G.722 (for HD VoIP) 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 1.0 certified (MP-252-WDNB) Software upgradability to comply with future CAT-iq versions Up to 6 registered DECT handsets An optional DECT handset design					
Home 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, Network 3-Way Conference, Do Not Disturb, Flexible dialing plan					
Mobile@Home	Mobile phone connection via Bluetooth Address book sharing Use of DECT handset to receive/make 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)	UPnP AV Media Server (1.0, 2.0) 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 Integrated SNMP agent CLI over Telnet Advanced debugging and diagnostics tools Integrated BroadSoft PacketSmart agent for Voice Quality of Experience(QoE) management					
Physical Specification						
Weight and Dimensions	170x225x35 mm, 300g					
Power	Power +12 VDC, 2.5A External Power Adaptor, 100-240 VAC/50-60 Hz					
Battery Backup	Optional battery backup for up to 4 hours idle/30 min. talk time (FXS)					
Temperature Range	Operating Temperature 0° to 40°C, Storage Temperature -25° to 80°C					

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

ABOUT AUDIOCODES

AudioCodes Ltd. (NasdaqGS: AUCD) 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 leader focused on VoIP communications, applications and networking elements, and its products are deployed globally in Broadband, Mobile, Cable, and Enterprise networks. The company provides a range of innovative, cost-effective products including Media Gateways, Multi-Service Business Gateways, Residential Gateways, IP Phones, Media Servers, Session Border Controllers (SBC), Security Gateways and Value Added Applications. AudioCodes underlying technology, VoIPerfectHD™, relies primarily 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 emerging Voice networks.

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