






QuadroM E1T1 GW vs. AudioCodes






Disclaimer:

Accuracy of information in this document is dependant upon publicly available sources of information available at the time the comparison was completed. Details should be confirmed with the manufacturers of represented products directly. This document was intended to be used as a convenient reference only.

		 Mediant 1000 PRI T1	 Mediant 1000 PRI E1
GW Price (MSRP)	Single E1/T1- \$3195 Dual E1/T1- \$3795	Single T1 - \$3,856.00 Dual T1 - \$5,277.00	Single E1 - \$3,856.00 Dual E1 - \$5,277.00
Connectivity			
T1/E1 interfaces	1 or 2 E1/T1	1 or 2 E1/T1	1 or 2 E1/T1
NT/TE modes support (per trunk)	Yes	Yes	yes
Number of calls	Up to 60	Up to 60	Up to 60
Analog Stations (FXS ports)	2	Up to 20	Up to 20
Ethernet RJ-45	Yes	Yes (Dual)	Yes (Dual)
Telephony			
Voice Coding	G.711, G.726, G.729, iLBC	G.711, G.723, G.726, G.729, GSM-FR	G.711, G.723, G.726, G.729, GSM-FR
Auto codec negotiation	Yes	Yes	Yes
T.38 and Group III at 2.4, 4.8, 7.2, 9.6, 14.4 Kbps	Yes	Yes	Yes
Modem over IP	Yes	Yes	Yes
Echo Cancellation: ITU Rec. G168, up to 128 ms tail size	Yes	Yes	Yes
Signalling protocols			
SIP	Yes	Yes	Yes
H323	Yes	Yes	No
PRI Signaling Protocols:			
National ISDN-2,	yes	yes	yes
Euro ISDN NET5	yes	yes	yes
Japan INS-NET1500,	yes	yes	yes
5ESS	yes	yes	yes
DMS100	yes	yes	yes
QSIG	yes	yes	yes
IUA (SIGTRAN)	no	yes	yes
VN3, VN4, VN6	no	yes	yes
T1 CAS			
E&M, Loop Start	yes	yes	yes
Feature Group-D	yes	yes	yes
DTMF	yes	yes	yes
MF	yes	yes	yes
E1 CAS			
E&M, Loop Start	yes	yes	yes
Feature Group-D	yes	yes	yes
R2 DTMF	yes	N/A	N/A
R2 MF	yes	yes	yes
National ISDN-2,	yes	yes	yes
VoIP to circuit, and circuit to circuit (Tandem/TDM) switching	yes	yes	yes
IP Network Specifications			
QoS Support: IP TOS, DiffServ	yes	yes	yes

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WAN Interface Fast Ethernet port (10/100 Base-T)	yes	yes	yes
IP Static Routing	yes	no	no
PPP/PPTP	yes	no	no
IPSec/VPN	yes	no	no
Firewall/NAT	yes	no	no
DNS/DHCP/Client/Server	yes	no	no
ADS	yes	no	no
VoIP Network Specifications			
SIP User Agent (RFC3261 compliant endpoint)	yes	yes	yes
SIP Back-to-Back User Agent (B2BUA)**	Yes	no	no
SIP RFC2833 In-band DTMF signaling	yes	yes	yes
SIP Refer Method Support	yes	no	no
IVR/RADIUS server support for AAA	yes	no	no
Adaptive Voice Activity Detection (VAD) with Comfort	yes	yes	yes
Noise Generation (CNG)	yes	yes	yes
Adaptive Jitter Buffer	yes	yes	yes
Packet Loss Compensation	yes	yes	yes
STUN	yes	no	no
Manual NAT Traversal	yes	no	no
Security: IP Filtering	yes	no	no
Local Authentication	yes	no	no
Configuration / Management			
WEB GUI for configuration of remote individual devices	Yes	no	yes
Alarm monitoring, call monitoring and CDR monitoring	Yes	no	no
SNMPv2 Agent	Yes	NA	NA
Event notification via e-mail and SMS	Yes	no	no
Event monitoring system	Yes	no	no
Legible configuration	Yes	no	no
Automatic firmware upgrade	Yes	yes	yes
Automatic configuration backup	Yes	yes	yes
E1/T1 interface usage statistics (graphic and tabular format)	Yes	no	no
User rights management	Yes	no	no
CALL MANAGEMENT FEATURES			
Automatic call type detection: Voice/Modem/Fax	Yes	yes	yes
Answer and Disconnect Supervision	Yes	yes	yes
Public and private dial plan support	Yes	NA	NA

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User programmable dial plan support	Yes	NA	NA
Automatic appending and stripping of digits to dialled numbers	Yes	NA	NA
Call Detail Records	Yes	yes	yes
Least cost routing	Yes	no	no
Caller ID delivery	Yes	yes	yes
Time of day routing	Yes	NA	NA
Third Party Call Control interface	Yes	no	no
AA and Custom Auto Attendants (VoXML)	Yes	no	no
Two Stage Dialling	Yes	no	no
Other features			
Multi language support	yes	no	no

How the Quadro Differs from the AudioCodes

- Quadro has 2 stage dialling feature
- AA support on Quadro
- H.323 signalling option
- STUN for automatic NAT traversal.
- Management and reporting functions including EMAIL and SMS notifications.
- Multi language support on Quadro
- 3PCC interface capability for 3rd party applications controlling gateway.
- IVR/RADIUS authentication and billing interface