

INNOMEDIA

MTA 6628-2Be4S

ADSL INTEGRATED VOIP TERMINAL ADAPTER

ADSL INTEGRATED VOIP TERMINAL ADAPTOR IDEAL FOR ADSL ACCESS SERVICE PROVIDERS TO DELIVER TRIPLE-PLAY SERVICES

KEY BENEFITS

High-speed Internet access with ADSL, ADSL2, and ADSL2+

Primary line service with internal battery for up to 2 hrs. of talk time

Advanced voice/fax features

Ideal for broadband triple-play service deployments with voice prioritization and two differential QoS* managed data ports

Highly interoperable with softswitches/call agents and flexible auto-provisioning and device management allowing rapid and scalable service deployment

Integrated with ADSL/ADSL2/ADSL2+ modem to deliver high-quality voice, wire-speed routing, and port based PVC management and quality of service (QoS) control, MTA 6628-2Be4S is ideal for ADSL access service providers to deliver ADSL-based residential or SOHO triple-play services. It also ensures uptime for their end-users with an internal battery backup for up to 2 hours of talk time in the event of a power failure.



Standalone MTA 6628-2Be4S with 2 voice ports

With 2 voice ports and 4 LAN ports, MTA 6628-2Be4S is an ADSL integrated VoIP device ideal for ADSL access service providers to deploy residential or SOHO broadband triple play (voice, high-speed Internet access, and IP TV) services.

- Supporting high-speed ADSL, ADSL2, and ADSL2+ standards over existing copper lines
- Guaranteed voice quality: Advanced rate limiting scheme guarantees voice packet bandwidth and priority, thus, ensuring voice quality with simultaneous high speed data transmissions in progress
- Wire-speed routing: Dedicated routing processors assures maximum routing throughput independent of data packet size. This advanced routing performance makes MTA 6628-2Be4S an ideal device for ADSL2+ deployments in which data throughput is critical
- Port-based QoS*: MTA 6628-2Be4S allows Ethernet port-based PVC assignment and QoS settings (802.1pq, ToS), packet prioritization, and bandwidth control. These features are ideal for high-speed triple play services which deliver real-time voice, high-speed Internet access, and high-bandwidth video streaming services

* Check for availability



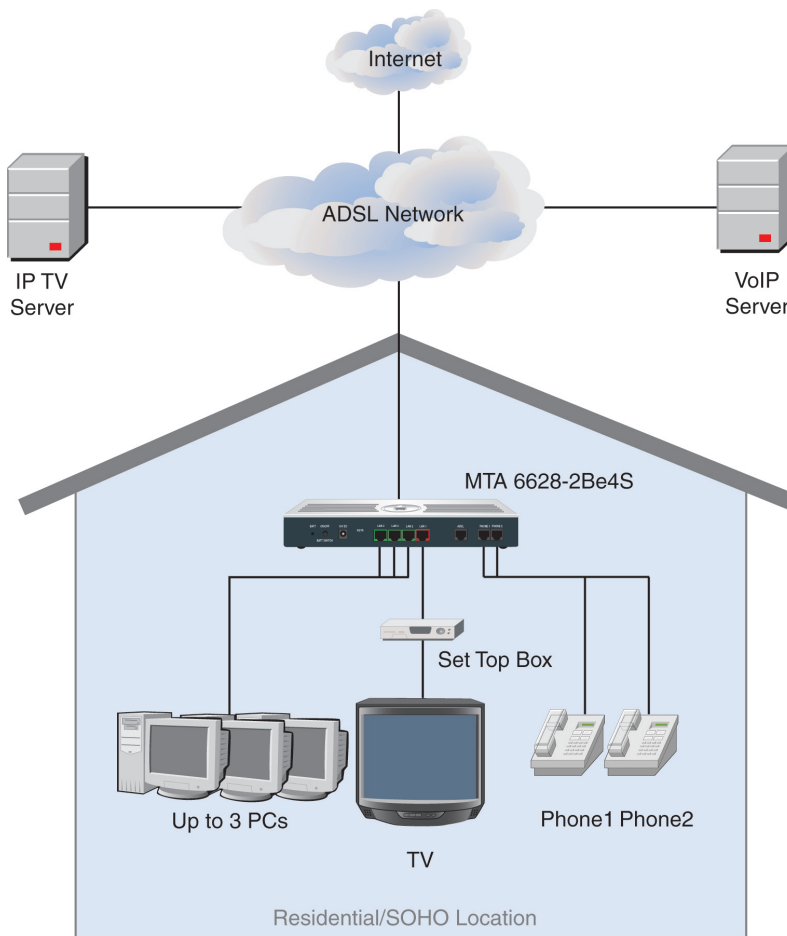
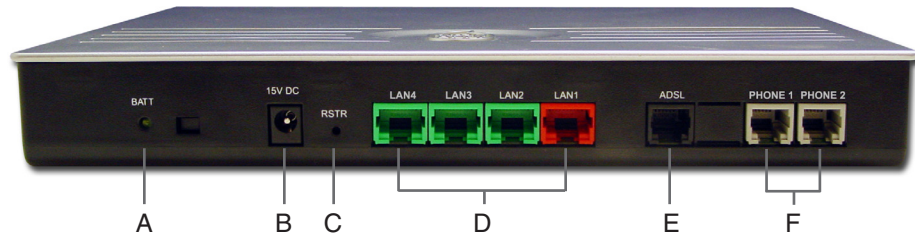
INNOMEDIA MTA 6628-2Be4S

MTA 6628-2Be4S also offers advanced VoIP features for rapid and high-performance VoIP service deployment:

- Voice & Fax: Supports G.711, G.723, G.726, and G.729 compression, dynamic jitter buffer, echo cancellation for voice, and T.38 & G.11 fallback for fax
- VoIP protocol support and interoperability: Supports MGCP/NCS and SIP protocols, which are highly interoperable with SIP softswitches and MGCP/NCS call agents
- Auto-provisioning: Supports HTTP and TFTP provisioning
- Remote device management: Supports InnoMedia Remote Device Management for remote device management, monitoring, and debugging including Telnet and web access
- Remote networking: supports TCP/IP and allows for VPN connections with PPTP and IPsec pass-through capabilities for telecommuting

MTA INTERFACE

- A. Battery LED
- B. Power Input
- C. Restore button
- D. LAN ports
- E. ADSL port
- F. RJ-11 ports



SPECIFICATIONS

Product Specification

Category	Specification
Network Interface	One RJ-11 port for ADSL connection
Telephone Interface	2 FXS voice ports
Downstream Data Interface	4 RJ-45 10/100 Base-T auto-sensing Ethernet connection

DSL & ATM Protocol Specification

Specification
G.992.1 (G.DMT), G.992.3, G.992.5 (ADSL2+)
8 PVC support
PPP over AAL5 (RFC 2364)
PPP over Ethernet (RFC 2516)
MPOA (RFC 1483/2684)
Classic IP over ATM (RFC 1577)*
VC and LLC based multiplexing

* Check for availability

Software Specification

Category	Specification
Protocols	SIP 2.0, MGCP 1.0, NCS 1.0
Speech Codec Capabilities	G.711 and one of the following: G.726; G.728; G.729E (High quality high complexity codecs); G.723.1; G.729A (Low bit rate codecs) Supports 3-way conferencing with compression
Quality of Service	IEEE 802.1p/q; IP TOS Tagging; Ethernet port-based priority and bandwidth control; Adaptive jitter buffer
Signal Processing	Echo cancellation: G.168 T.38 Fax (or fall-back to G.711) Line reversal/Polarity reversal 16 Khz metering pulse (MGCP only) Caller ID FSK signal regeneration
Certification	FCC part 15B and CE
Tones	Ring back tone Reorder tone Off hook warning tone Message waiting tone (MWI)/Stutter tone Busy tone Dial tone Call waiting tone
DTMF Tone	DTMF tone detection and generation/RFC2833
Announcements	Play out any voice stream sent by Call Agent or SIP Proxy controlled announcement server Device IP announcement (SIP only)
OAM&P	Access components implemented: CLI, TFTP, HTTP 1.0, SNMP, Telnet, DHCP or DNS Works with any SNMP (v.1, v.2c, v.3)-based EMS Offers web-based access as well as TFTP-based remote software downloads/upgrades Provisionable set feature codes STUN NAT traversal (SIP only)

SPECIFICATIONS *continued*

Physical Specification

Category	Specification
Power	Output: DC 15V, 1.5A; Input: AC 120V, 60Hz, 200mA
Internal Battery	Ni-MH providing 2 hrs talk time
Dimensions	1.511 in (H) x 9.897 in (W) x 7.181 in (D) / 38.4mm (H) x 251.4mm (W) x 182.4mm (D)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Operating Humidity	10 to 90% RH
Storage Humidity	5 to 95% RH

Power Consumption

Mode of Operations	Current (Amps)	Voltage (Volts)	Power (Watts)
Idle	0.33	15	4.89
Talk	0.42	15	6.33
With Battery Charging (max)	0.80	15	12.00

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