ADSL2+ Modem (Conexant)

6411-A1-xxx

ADSL2+ Modem with 1 Ethernet and 1 USB, Conexant chipset

- ✔ *ADSL2+ Annex M support data rates up to 3MB*
- ✔ *Multiple PVC up to 8 support*
- ✔ *Static IP, Dynamic RIP routing support*
- ✔ *Network Address Translation (NAT)*
- ✔ *Universal Plug and Play Support*
- ✔ *TR-069 Remote Management Support*

The Zhone 6411-A1 ADSL 2/2+ Ethernet USB Router uses Conexant Viking II-Plus Chipset solution that fully complies with ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) ADSL standard. Zhone 6411-A1 also provides higher data transmission rates with ADSL2, ADSL2+, and Extended Reach-ADSL support. This next generation ADSL will provide up to 12Mbps speed with an additional 600 feet reach for ADSL2; and up to 27Mbps speed with distance up to 5,000 feet for ADSL2+ Support. In addition, with ADSL2+ Annex M support, upstream rate will be improved to up to 3Mbps.

Targeted at the residential users, it is for both single user using Bridge mode with host based PPPoE Client and multi-users utilizing the DSL309EU's inbuilt PPPoE/A, IP routing, NAT functionality to share the ADSL link.

It comes with the Packet Filtering firewall and DMZ support for a full security options against malicious hackers. With Universal Plug and Play support, home networking becomes a breeze for everyone in the family. Multi Port Range/Popular Application Forwarding makes it even easier to select which application you want your network to allow while ensuring your security at the same time.

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Technical Specifications

Dimensions

- Dimension : 105 (L) x 105 (W) x 30 (H) mm

Weight

- Weight : Approx. 250g

Power

- 12VDC, 0.8Amp

Interfaces

- DSL Line: RJ11
- Ethernet: 10/100BaseT
- USB 1.1

Standards Support

- ATM Support
  - ITU-T I.610 F4/F5 OAM Send and Receieve/Loop back
  - Support for multiple PVC's up to 16
  - RFC 1483/2684 (Bridged/Routed Ethernet over ATM)
- Routing/Bridge Support
  - Transparent Bridge Support
  - DHCP Server
  - DNS Relay Agent
  - Dynamic DNS Support
  - DMZ support
  - Static Routing
  - RIPv1 and RIPv2
  - Policy based QoS (TOS, 802.1p, Source/Destination IP Address, Source/Destination Port, Protocol)
  - IGMP v1/v2
  - SNTP support
  - IP Sec and PPTP/L2TP VPN pass through support
  - QOS (802.1p) support
  - Port fowarding
  - Port to PVC mapping
- PPP Support
  - PAP/CHAP authentication
  - PPPoA
  - PPPoE
- Security
  - NAT for Basic Firewall support
  - Ingress and Egress Packet Filtering
  - Stateful Packet Inspection
  - Protection against Denial of Service attacks
- DELT support

Protocol Support

- ANSI T1.413 (Full Rate ADSL)
- ITU G.992.1 (DMT)
- ITU G.992.2 (G.lite)
- ITU G.992.3 (ADSL2)
- ITU G.992.5 (ADSL2+)
- ITU G.994.1 (G.hs)
- ITU G.997.1
- Annex L

Management

- Web-based Configuration GUI
- CLI
- Telnet Remote Management
- SNMP Support
- FTP/TFTP firmware upgrade and configuration backup/restore
- Syslog Support
- TR-069

Bandwidth/Distance

- Downstream Speeds up to 24 Mbps using ADSL2+ (2.2 Mbps with ReachDSL)
- Upstream speeds up to 2 Mbps with ADSL2+ (2.2 Mpbs with ReachDSL)

Regulatory Compliance

- FCC Part 15, Part 68
- CE

Operating Requirements

- Operating Temperature: 32° F to 104° F (0° C to 40° C)
- Storage Temperature: –4° F to 149° F (–20° C to 65° C)
- Humidity: 5% to 95%, non-condensing

Ordering Information

6411-A1-200	ADSL2+ BRID/RTR, ANNEX A, NA
6411-A1-300	ADSL2+ BRID/RTR, ANNEX A, UK
6411-A1-302	ADSL2+ BRID/RTR, ANNEX A, EURO
6411-A1-304	ADSL2+ BRID/RTR, ANNEX A, INDIA
6411-A1-330	ADSL2+ BRID/RTR, ANNEX B, UK
6411-A1-332	ADSL2+ BRID/RTR, ANNEX B, EURO

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