

# ADSL 2/2 +

# DSL600EU

## ADSL 2/2 + Ethernet & USB Combo Bridge/Router

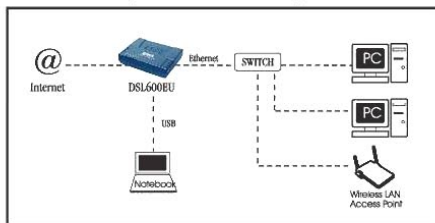


The **Aztech DSL600EU** ADSL 2/2+ Ethernet USB Combo Bridge/Router Modem uses Texas Instruments AR7 Chipset solution that fully complies to ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) ADSL standard. Aztech DSL600EU also provides future proof functionality with higher data transmission rates with ADSL2, ADSL2+, Extended Reach-ADSL support.

Targeted at the residential users, it is for both the single user with Bridge mode with host based PPPoE Client or for multi-users utilizing the DSL600EU inbuilt PPPoE/A, IP routing, NAT functionality to share the ADSL link.

It comes with Stateful Packet Inspection firewall and DMZ support for full security options against malicious hackers.

### Allows Flexibility & Multi-user Sharing



RJ-11  
DSL/LINE  
Jack

USB

RJ-45  
Ethernet  
Port

Reset

9V DC  
Power  
Jack

### ADSL/ATM Support

- ANST T1.413 Issue 2
- ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) compliant
- ADSL2/2+, RE-ADSL Support
- Rate Adaptive modem at 32 Kbps steps
- Dynamic Adaptive Equalisation to improve Carrier's service area
- Bridge Tap Mitigation support
- Turbo DSL support improving packet throughput performance by 3 times
- ATM Layer with Traffic shaping QoS Support (UBR, CBR, VBR-rt, VBR-nrt)
- AAL ATM Attributes - AAL5
- Multiple PVC up to 8 support
- Spectral compatibility with POTS
- F5 OAM Loopbacks/Send and Receive

### Encapsulation Support

- RFC2684 Bridged and Routed LLC and VC Mux Support
- RFC2364 PPPoA Client Support
- RFC2516 PPPoE Client Support
- RFC2225/RFC1577 Classical IP Support
- Transparent Bridge Support
- PAP/CHAP/MS-CHAP for Password Authentication Support

### Network Support

- Static IP, Dynamic RIP Routing Support
- IP/TCP/UDP/ICMP/ARP/RARP Application Support
- Network Address Translation (NAT)
- Port Mapping/Forwarding
- Easy setup of Port Forwarding rules for Popular Games/Application
- NAT Application Level Gateway for Popular Applications
- DHCP Server/Relay/Client
- DNS Relay Agent
- DMZ Support
- Single session IP Sec and PPTP/L2TP VPN passthrough support
- PPP Always on with configurable timeout

### Management Support

- Web Based HTTP management GUI
- TFTP/FTP Support For Firmware Upgrade
- Web Based Firmware Upgrade (Local)
- Soft Factory Reset Button via Web GUI
- Diagnostic Test (DSL, OAM, Network, Ping Test)
- Telnet/CLI (Read Only)
- Syslog Support
- Firmware upgradeable for future feature enhancement

### Security Support

- NAT for Basic Firewall Support
- Packet Filtering Firewall Support
- Stateful Packet Inspection Service
- Protection against Denial of Service attacks
- Password Authentication to Modem

### Hardware

- Texas Instrument TNET7300 Single Chip Network Processor/APE/Line Driver Chipset
- 2 MB Flash ROM
- 8 MB SDRAM
- Dying Gasp Support
- ITU K.21 Support

### Platform Support

- For Ethernet - OS Independent
- For USB - Windows® 98SE
- Windows® ME
- Windows® 2000
- Windows® XP
- Windows® 2003

### LED Indicators

- 1 x PPP LED
- 1 x Power LED
- 1 x DSL Link Status LED
- 1 x Ethernet Link/Activity Status LED
- 1 x USB Status LED

Specifications are subject to change without any prior notice.

Head Office AZTECH SYSTEMS LTD. 31 Ubi Road 1, Aztech Building, 5408694.  
Tel: (65) 6741 7211 Fax: (65) 6749 1198

Hong Kong Office AZTECH SYSTEMS (H.K.) Ltd. Rooms 2 10, 3rd Floor, No.1 Science Park East Ave.  
Hong Kong Science Park, Pak Shek Kok, Shatin, New Territories, Hong Kong.  
Tel: (852) 2757 1177 Fax: (852) 2753 0578

Germany Office AZTECH SYSTEMS GmbH, Kreuzberger Ring 21, 65205 Wiesbaden, Germany.  
Tel: (49)(0) 611 9748 450 Fax: (49)(0) 611 9748 455

Malaysia Office AZ-TECHNOLOGY SDN BHD. No. 105-106, Ground Floor, Block A, Kelana Business Centre  
No. 97, Jalan SS7/2, Kelana Jaya, 47301 Petaling Jaya, Selangor, Malaysia.  
Tel: (60)(3) 7804 8450 Fax: (60)(3) 7804 8457

USA Office AZTECH LABS, INC. 4005 Clipper Court, Fremont, California, CA94538, USA.  
Tel: (1)(510) 683 9800 Fax: (1)(510) 683 9803

**Aztech**  
TOTAL POWER PERFORMANCE  
www.aztech.com



# ADSL 2/2 + ROUTER



## DSL600ER DSL600ER(B) ADSL 4 Port Ethernet Router

Aztech **DSL600ER** series routers for the home/SOHO networking users, provide high performance, cost effectiveness and ease of use via an integrated ADSL Modem, Full Feature Router, 4 Port 10/100 Ethernet Router, and true firewall security device.

### The two models are :

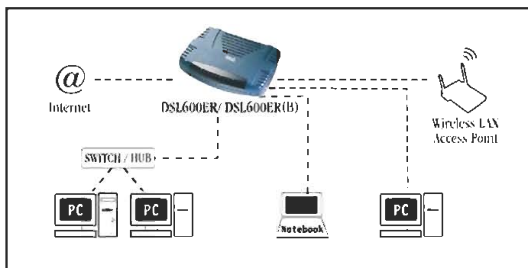
Aztech **DSL600ER** ADSL2/2+ 4 Port Ethernet Router

Aztech **DSL600ER(B)** ADSL Annex B 4 Port Ethernet Router

Targeted at the residential and SOHO users, it is the ideal solution to provide a 4 in 1 device for both high speed broadband connectivity via a combined ADSL Modem support, Routing functionality for multi-user sharing, 4 port AutoMDI/MDIX 10/100 Switch and true Firewall capability functionality.

Security is provided via a double Stateful Packet Inspection and NAT based Firewall. VPN Passthrough and DMZ support provide additional security support for telecommuters as well as allow flexibility while maintaining security 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.

### Allows Flexibility & Multi-user Sharing



### ADSL/ATM Support

- ANST T1.413 issue 2, ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) compliant (DSL600ER)
- ADSL2, ADSL2/2+, RE-ADSL Ready (DSL600ER)
- ADSL over ISDN support via ITU-T G.992.1 (G.dmt Annex B) standard [DSL600ER(B)]
- Rate Adaptive modem at 32 Kbps steps
- Dynamic Adaptive Equalisation to improve Carrier's service area
- Bridge Tap Mitigation support
- ATM Layer with Traffic shaping QoS Support (UBR, CBR, VBR-rt, VBR-nrt)
- AAL ATM Attributes - AAL5
- Multiple PVC up to 8 support
- Spectral compatibility with POTS
- F4/F5 OAM Loopback/ Send and Receive

### Encapsulation Support

- RFC2684 Bridged and Routed LLC and VC Mux support
- RFC2364 PPPoA Client support
- RFC2516 PPPoE Client Support
- RFC2225/RFC1577 Classical IP Support
- Transparent Bridge Support
- PAP/CHAP/MS-CHAP for Password Authentication Support

### Network Support

- Static IP, Dynamic RIP routing support
- IP/TCP/UDP/ICMP/ARP/RARP Application Support
- Network Address Translation (NAT)
- Port Mapping/Forwarding
- Easy setup of Port Forwarding rules for popular Games/Application
- NAT Application Level Gateway for popular applications
- DHCP Server/Relay/client
- DNS Relay Agent
- DMZ Support
- Single Session IP Sec and PPTP/L2TP VPN pass through support
- PPP Dial on Demand
- Universal Plug and Play Support

### Management Support

- Web Based HTTP management GUI
- TFTP/FTP Support for Firmware Upgrade
- Web Based Firmware Upgrade (Local)
- Soft Factory Reset Button via Web GUI
- Telnet/CLI (Read Only)
- Syslog Support
- Firmware upgradable for future feature enhancement

### Security Support

- NAT for basic Firewall support
- Packet Filtering Firewall Support

*Specifications are subject to change without any prior notice.*

- Head Office: **AZTECH SYSTEMS LTD.**, 31 Ubi Road 1, Aztech Building, S408694.  
Tel: (65) 6741 7211 Fax: (65) 6749 1198
- Hong Kong Office: **AZTECH SYSTEMS (H.K.) Ltd.**, Rooms 2-10, 3rd Floor, No.1 Science Park East Ave.  
Hong Kong Science Park, Pak Shek Kok, Shatin, New Territories, Hong Kong.  
Tel: (852) 2757 1177 Fax: (852) 2753 0578
- Germany Office: **AZTECH SYSTEMS GmbH**, Kreuzberger Ring 21, 65205 Wiesbaden, Germany.  
Tel: (49)0 611 9748 450 Fax: (49)0 611 9748 455
- Malaysia Office: **AZ-TECHNOLOGY SDN BHD**, No. 105-106, Ground Floor, Block A, Kelana Business Centre  
No. 97, Jalan SS7/2, Kelana Jaya, 47301 Petaling Jaya, Selangor, Malaysia.  
Tel: (60)3 7804 8450 Fax: (60)3 7804 8457
- USA Office: **AZTECH LABS, INC.**, 4025 Clipper Court, Fremont, California, CA94538, USA.  
Tel: (1)510 483 9800 Fax: (1)510 483 9803