



#### KEY FEATURES

⊙	High speed Internet access via SHDSL. Supports symmetric data rate of up to 4.6Mbps
⊙	4 port switch
⊙	High speed back-to-back connectivity for bandwidth consuming applications
⊙	Firewall security with Denial of Service (DoS) prevention and Stateful Packet Inspection (SPI)
⊙	Parental control with URL blocking and packet filtering
⊙	Quality of Service (QoS) control to manage bandwidth and prioritise data transfer
⊙	Secured Virtual Private Network (VPN)
⊙	VPN end point

The NB724 is ideally designed for small businesses to use as a substitute for local leased lines. As a substitute of a local leased line, the device offers a perfect solution of symmetric transmission for SOHO and SME users to enjoy high-speed SHDSL broadband services, as well as bandwidth-consuming applications such as video conferencing with more ease and speed than ever before. The Quality of Service feature ensures a smooth net connection for inbound and outbound data with minimal traffic congestion.

The router also supports IPSec VPN for users to create a secure data communications environment between two or more sites. An abundance of integrated firewall security features such as SPI, DoS attack prevention, and URL Content Filtering provide users unparalleled protection from hackers.

### TECHNICAL SPECIFICATIONS

#### SHDSL COMPLIANCE

- Compliant with ITU-T G.991.2 Standard
- Symmetric data rate of up to 4.6 Mbps

#### NETWORK PROTOCOLS AND FEATURES

- NAT, static routing and RIP-1/2
- Universal Plug and Play (UPnP) Compliant
- Dynamic Domain Name System (DDNS)
- Virtual Server and DMZ
- SNTP, DNS relay and IGMP proxy

#### FIREWALL

- Built-in NAT firewall
- Stateful Packet Inspection (SPI)
- Prevent DoS attacks including IP Spoofing, Land Attack, Smurf Attack, Ping of Death, TCP SYN Flooding, etc.
- Packet Filtering – port, source IP address, destination IP address, MAC address
- URL Content Filtering – string or domain name detection in URL string

#### HARDWARE SPECIFICATION

##### Physical Interface

- WAN: SHDSL port
- Console: PS2
- LAN: 4-port 10/100M auto-crossover (MDI/MDI-X) Switch
- Factory default reset button
- Power jack
- Power switch

##### Physical Specification

- Dimensions: 178mm x 119mm x 32mm

##### Power Requirement

- Input: 12V DC, 1A

#### ATM AND PPP PROTOCOLS

- ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 2684, formerly RFC 1483)
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- Classical IP over ATM (RFC 1577)
- MAC Encapsulated Routing (RFC 1483 MER)

#### VIRTUAL PRIVATE NETWORK (VPN)

- Embedded IPSec & PPTP client/server
- IKE key management
- DES, 3DES and AES encryption for IPSec
- MPPE Encryption for PPTP
- L2TP over IPSec
- L2TP/PPTP/IPSec pass-through

#### MANAGEMENT

- Web-based GUI for remote and local management
- Firmware upgrade and configuration data upload and download via Web-based GUI
- Embedded Telnet server for remote and local management
- Available Syslog monitoring
- SNMP v3, MIB-I and MIB-II supported
- Supports DHCP server/client/relay

#### QUALITY OF SERVICE CONTROL

- Supports the DiffServ approach
- Traffic prioritization and bandwidth management based-on IP protocol, port number and address

#### OPERATING ENVIRONMENT

- Operating temperature: 0 ~ 40 degrees Celsius
- Storage temperature: -20 ~ 70 degrees Celsius
- Humidity: 20 ~ 95% non-condensing

### CONNECTION DIAGRAM

