

Netopsie IP Series

Netopsie Business W2500 WLAN 11g Router

Design

The Netopsie Business Series are designed to be used in your hotel or hospital

Cost effective

The Netopsie Business Series are compact units to deliver savings on hardware and deployment costs by consolidating voice and data connections.

Powerful

The Netopsie Business Series are powerful enough to support the need of Data, Voice and IPTV over a single, high-speed DSL line.

Security

Netopsie Business Series protect your data with a powerful SPI Firewall.



- 1 ADSL / ADSL2+ (RJ-11)
- 4 Switched Fast Ethernet Ports (RJ-45)
- WLAN according to IEEE 802.11b/g

The Netopsie Business Series are a family of Routers that use fast, reliable xDSL technology to deliver data services to the End Customers Home via cable or wireless services.

The Netopsie Business Series is well fitting for your small office or home network. Each Device combines routing and bridging functions in a single device for low-cost, high-quality, and high-speed access to private networks and the Internet.

With routing and bridging in one unit, Netopsie Business Series are eliminating the need for separate devices for LAN and Internet access. By supporting both ATM and frame relay access protocols, the ENKOM Home Series maximize network design flexibility.

The Netopsie Business wireless Router combines a 802.11b/g Wireless Access Point, an ADSL2+ modem, a router, a firewall and a four-port switch all in one small and cost effective housing. It offers quick access to the wired and wireless network. The device supports downstream rate up to 12/24 Mbps with capability of ADSL2/ADSL2+ and upstream rate up to 1Mbps.

It's designed for an easy and flexible use, without much installation and troubles. With the handy installation guide and a simple setup through the web gui, everybody has this device up and running within a few minutes!

Hardware Specifications

ADSL Compliance

- ANSI T1.413 Issue 2,
- ITU G.992.1) Annex A/B (G.dmt),
- ITU G.994.1 (G.hs)
- ITU G.992.3 Annex A/B (G.dmt.bis / ADSL2)
- ITU G.992.4 Annex A (G.lite.bis)
- ITU G.992.5 Annex A/B (ADSL2+)
- Support of Dying Gasp

Networking

- ATM Features
- Compliant to ATM Forum UNI 3.1/4.0
- Support of up to 8 PVCs for UBR, CBR, VBR-nrt, VBR-rt with Traffic Shaping
- Multi Protocol Encapsulation over ATM Adaptation Layer 5 (AAL5) (RFC 2684)
- Point-to-Point (PPP) over AAL5 (RFC 2364)
- Classical IP and ARP over ATM (RFC 2225)
- PPP over Ethernet (PPPoE) Relay and Client
- Support of OAM F4 / F5 End-to-End
- Support of IEEE 802.1d: Transparent Bridging
- Support of dynamic learning of MAC addresses
- IP Multicast, IGMP Snooping
- Support of 802.1q VLAN packet pass-through
- Static Route, Dynamic Route (RIPv1 and RIPv2)
- DHCP Server, DHCP Client, DHCP Relay
- NAT/PAT
- ALGs (Application Level Gateways)
- Dynamic DNS and DNS Relay
- IGMP Proxy / IGMP Snooping
- DMZ
- UPnP 1.0 with NAT Traversal capability
- IEEE 802.1q VLAN Tagging

Wireless LAN

- IEEE 802.11b: 1, 2, 5.5 and 11 Mbps
- IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- Operating Frequency: 2.4 ~ 2.5 GHz
- Operating Channels: on local regulations
- User Isolation
- Security: SSID hiding; WPA2/WPA/WEK
- Support of WPS easy configuration
- Support of Repeater function (WDS)
- Antenna Type: Built-in and external Antenna

Configuration/Management

- Web configuration interface; password protected
- 2 login levels (user, admin);
- Easy Installation Wizard
- Telnet Session for Local or Remote Management
- Firmware upgrades through HTTP, TFTP, or FTP
- Configuration File Backup and Restore
- Support of TR-069 and TR-104

Interfaces

- 1x ADSL Port (RJ-11)
- 4x Switched Fast Ethernet Ports (RJ-45)
- WLAN according to IEEE 802.11b/g
- 1x Reset Button to reboot or reset to factory settings
- 1x Power on/off switch

CPU-Platform

- Trendchip TC3162P2M/TC3085
- Ralink RT2561

Certifications

- CE, FCC, RoHS

Operating temperature

- Operating: 0°C - 50°C
- Storage: -40°C - 70°C

Power Consumption

12 VDC / max. 1 A

Ordering Number
Netopsie Business W2500 (Annex A)
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