

THE ROUTER YOU NEED

IDEAL FOR:
VPN server
Proxy server
Router
Firewall
Access Point

Board Only OEM availability

For ISPs and small to large
ENTERPRISES

Highest quality and compact
design at the
LOWEST PRICE

Open platform (x86 Intel
compatible)

Linux, BSD, and most
operating systems supported

Optional MikroTik RouterOS
INSTALLED



RouterBOARD 200



WHEN? In March 2003 MikroTik has finished the development of its next generation professional router - The RouterBOARD200.

FOR WHO? The new compact and multi-functional router can fit all the needs of internet service providers, or any other organizations which require a simple way to create a reliable computer network. OEMs that need a powerful and flexible low cost platform. As this new device can be used in a variety of applications, it can be used by not only ISP's, but also small and medium class companies, which require a serious and reliable protection of data with a powerful firewall, or which want to create a HotSpot network in their office, or elsewhere.

PRICE? The router provides high quality, many usage possibilities, and extremely low price - at approximately \$200 (board only) and lower depending on options .

WHAT ARE THE HARDWARE CHARACTERISTICS? The RouterBOARD200 is built to survive on the highest tower, or in the darkest attic. It's small, sturdy design makes it easy to place it anywhere you want - and it can keep running even in the toughest temperature conditions. It also has features like intrusion detection, watchdog controllers, temperature sensors, Power over Ethernet - all created for it to never fail you. See the other side of the brochure for specifications.

WHAT CAN IT PERFORM? The device created by MikroTik, maker of the famous software router - RouterOS, and complies with the highest standards of the current router market. It will be configurable as router, wireless access point, bridge, firewall, proxy server, or bandwidth manager - or even all in one. Together with the MikroTik RouterOS software, used by thousands or large scale ISP's all over the world, you can use all these features of RouterBOARD200.

FIREWALL protects your computer network against unwanted access, and to create a custom internet usage policy. Our Firewall won't allow unwanted data to be sent to/from your network, and will protect it from any hacker attacks.

VPN will allow you to connect many networks with secure tunnels. MikroTik RouterOS offers you many VPN solutions, for example PPTP, IPsec or L2TP. By connecting remote locations with MikroTik routers, you can also use the IP Telephony feature, making free phone calls between the locations - anywhere in the world.

HOTSPOT client authentication and accounting system, which can create an easily controllable network in places where wireless internet is used by many people - for example internet cafe's, hotels, airports, schools etc.

FOR COMPANIES this can mean the reduction of the monthly internet service fee, because with the RouterBOARD200 you will be able to make internet connection sharing easier than ever - only one internet connection can be shared for all the computers in the office.

MikroTik RouterOS:

**Wireless Access Point
(additional feature required)**

**Bridging
(additional feature required)**

**HotSpot
(additional feature required)**

IP telephony

Bandwidth Management

Firewall and NAT

VPN (PPTP, IPsec, L2TP)

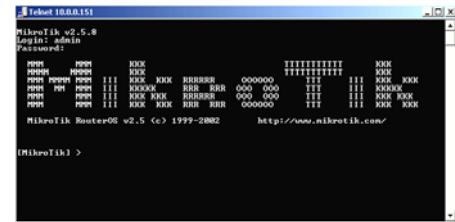
**Remote administration and
upgrade**



MikroTik RouterOS Features



WinBox



Telnet

- Wireless Access Point (additional feature required)
- Routing
- PPP (ISDN, RADIUS, PPTP, PPPoE, modem pool)
- HotSpot (additional feature required)
- IP telephony
- Bridging (additional feature required)
- Stateful Firewall and NAT
- VLAN
- Tunnels (PPTP, IPsec, EoIP, IPsec, IL2TP)
- DHCP
- IP traffic accounting, firewall actions logging
- Bandwidth Management
- Tools (ping, traceroute, bandwidth test, ping flood)
- DNS
- SNMP, SNTF
- Remote administration (Telnet, WinBox) and upgrade
- See webpage for additional features www.mikrotik.com



RouterBoard200 Specifications

- 266 Mhz NSC SC1100 system on a chip CPU (Pentium architecture)
- one SoDIMM (up to 256MBytes SDRAM)
- 2 Mbit Flash BIOS on board
- IDE CompactFLASH I/II socket (support for standard CF and IBM Microdrive)
- 44 pin boxhead IDE connector for Laptop Hard Drive (2.5 inch)
- two 10/100 Mb/s Ethernet using the NSC DP83816 (DP83815 driver compatible)
- one Serial port with DB9 connector
- one USB 1.1 connector
- Power LED, Activity LED, Error LED
- Mini-PCI type III
- PCI Slot with universal support (+/-12v, 5v, 3.3v)
- dual PCMCIA/CardBUS
- PC mini-speaker
- LCD out header
- nine GPIO
- CPU temp, Motherboard temp, Power supply area temp, PCMCIA area temp
- Voltage monitor for CPU, 12v, 5v, and 3.3v supplies
- enclosure intrusion detector header
- 3.3v out power header
- 5v out power header
- board size 105mm x 215mm (4.13 inch by 8.46 inch)
- operating temperature in enclosed case -20°C to +70°C (-4°F to 158°F)
- two separate watchdog controllers
- Power over Ethernet 802.3af standard
- onboard power jack 20-56VDC in
- onboard power header 48v in (to connect telecom 48v power wires)

