Low-Cost, Feature-Rich software for *Professional Routing*

RouterOS v1.0 first installed in 1996

Used in almost every country in the World

Available on IDE Flash Module

Demo Licence - try the best routing solution FREE OF CHARGE!

Client Bandwidth shaping

HotSpot

Virtual Private Network: IPsec, PPTP

Wireless Access Points (Multiple radios in one unit)

PPPoE and PPTP Servers (Access Concentrators)

Stateful Firewall

IP Telephony

MikroTik RouterOS

The *MikroTik RouterOS v2.6* Software turns a standard Personal Computer into a network router. Just add standard network PC interfaces to expand the router capabilities. This dedicated router software system uses the well-tested Linux kernel to guarantee high-reliability. Remote Administration is done by web with a program called Winbox, by telnet or serial console. Many commonly used high-speed interfaces are supported. The user can make a dedicated router based on PC parts and standard interfaces, or purchase a *MikroTik* router with *MikroTik RouterOS* already installed. You can download *RouterOS* fom *MikroTik* website and install it using floppies, compact disk or Netinstall. For special convenience *MikroTik* offers an extra compact size IDE Flash Module with *RouterOS* already installed - you just put it on a regular PC motherboard and have an instant router! To make sure that MikroTik RouterOS is perfect for your networking needs, download the MikroTik RouterOS v2.6 Software Free Demo Licence from **http://www.mikrotik.com/download.html**. Demo Licence has no time limitations and includes all the basic features - just download, install, and have a working router!

64 Mb IDE Flash Module
with installed
MikroTik RouterOS

MikroTik RouterOS Features:

- Wireless Access Point
- Routing RIP 1 / 2, OSPF v2, BGP v4 (equal cost multi-path routing, policy based routing, firewall marked packet routing)
- PPP (ISDN, PPPoE, modem pool)
- RADIUS authorization and accounting
- IP telephony
- Bridging
- Stateful Firewall and NAT
- VLAN
- DHCP
- Hotspot
- Tunnels (PPTP (VPN), IPIP, EoIP, IPsec)
- IP traffic accounting, firewall actions logging
- Bandwidth Management (per IP / protocol / subnet / port, CBQ, RED, SFQ, byte FIFO, oacket FIFO)
- Tools (ping, traceroute, bandwidth test, ping flood, telnet)
- DNS cache
- Web cache
- SNMP
- NTP (Network Time Protocol)
- Remote administration and upgrading
- See webpage for additional features

Enables new features, services and capabilities

Easy download and installation

Free upgrade

Administration:

- History undo / redo / display, multiple administrator connections
- Real time updates in WinBox GUI, real time configuration
- **Web/GUI**: uses GUI tool for remote administration, graphing of traffic, statistics and resource monitoring, multiple internal configuration windows
- **Terminal Console**: standard keyboard and monitor connection; scripting; import/export of configuration scripts to screen / file; command history, hierarchical command structure; monitoring of interface status and traffic.
- **Telnet**: all terminal console features, SSH option, cut/paste of configuration
- **Serial terminal console**: all terminal console features
- **System**: date/time setting, identity setting, upgrade, ftp upload, users, access levels, groups, PPP access, UPS monitoring APC, router safe-mode on power outage, LCD hardware option, 2 X 16 or 4 X 24 character backlit displays, configurable revolving system status / statistics
- **FTP**: for uploading upgrade packages, uploading and downloading scripts and configuration files.
- **Upgrading**: remote upgrading by uploading the software packages to the router
- **Scripting**: scripts can be scheduled for executing at certain times, periodically, or on events. All Terminal Console commands are supported in scripts.
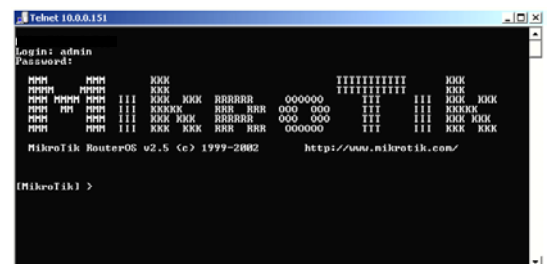
WinBox   Telnet

Special Protocols:

- **MikroTik Packet Packer Protocol** (M3P) for Wireless links and Ethernet
- **MikroTik Neighbor Discovery Protocol** (MNDP)

Hardware requirements:

- CPU and motherboard - higher than 486
- RAM - minimum 32 MB
- hard disk/Flash IDE - minimum 32 MB
- floppy drive or CD ROM, keyboard and monitor for installation

For order information, contact sales@mikrotik.com