

HARDWARE REQUIRED

CPU motherboard	486/dx or better
RAM	16 MB or more
hard disk/Flash IDE for installation	32 MB or more floppy drive keyboard monitor

NETWORK SYSTEM

TCP/IP protocol suite

Routing protocols

RIP 1 / 2
OSPF v2
protocol status monitor (v 2.1 October 2000)

PPP

ISDN dial-out (v2.1 August 2000)
ISDN dial-in (v2.1 September 2000)
RADIUS authentication/accounting
onboard serial ports
modem pool

Bridging

spanning tree protocol
multiple bridge groups (v2.1 September 2000)

Firewall

packet filtering
static NAT
masquerading

Tunnels

PPTP encrypted tunnels (v2.1 August 2000)
IPIP tunnels (v2.1 September 2000)

DHCP

DHCP server per interface
DHCP client

Monitoring/Accounting

IP traffic accounting
firewall actions logging

Banwidth management

per IP / protocol / subnet / port
CBQ
RED
byte limited queue
packet limited queue

Tools

ping
traceroute
bandwidth test (only to another MikroTik v2 router)
ping flood
telnet (only from console on telnet connection)

DNS

static DNS entries
name resolving

SNMP

read only access

ADMINISTRATION

General

history undo / redo / display
multiple administrator connections
real time updates in Java windows
real time configuration

Web/Java

requires JRE 1.3 browser plug-in
accessible from all Java enabled web browsers
graphing of traffic, statistics, and resource monitoring
multiple internal configuration windows
context specific help

Console

standard keyboard and monitor connection
scripting (v2.1 September 2000)
import/export of configuration scripts to screen / file
command history
hierarchical command structure
monitoring of interface status and traffic
context specific hints

Telnet

all console features
SSH option
cut/paste of configuration

Serial terminal console

all console features

System

date/time setting
identity setting

upgrade ftp upload
auto update (v2.1 November 2000)

users access levels, groups, PPP access

UPS monitoring APC (v2.1 August 2000)
status email notification
router safe-mode on power outage

LCD hardware option (v2.1 August 2000)
2 X 16 character backlit display
configurable revolving system status / statistics

FEATURE PACKAGES

2.4 GHz Wireless 802.11 *

Aironet 4800 ISA/PCI/PC
Cisco 340 ISA/PCI/PC
WaveLAN Bronze/Gold/Silver ISA/PC

Synchronous *

5.7 GHz Wireless RadioLAN *

SSH

PPTP (v2.1 August 2000)

* currently requires purchase



NETWORK INTERFACES

Wireless

Aironet 655/ IC 2000/ IC 2200 ISA
Aironet 4800 / Cisco 340 ISA/PCI/PC
WaveLAN 802.11 bronze / silver / gold ISA / PC
Samsung SWL - 2000 P (v2.1 August 2000) PCI
Compaq WL - 200 (v2.1 August 2000) PCI

Asynchronous

Moxa PCI 8 port up to 4 cards (32 ports)
Equinox PCI 4/8 port up to 4 cards (32 ports)

Synchronous

Moxa C101 5 Mb/s Cisco HDLC v.35
MicroGate Synclink Cisco HDLC v.35 (v2.1 August 2000)
LMC 1000 Cisco HDLC 10 Mb/s v.35 (E1 / T1)
LMC 5245P DS3
LMC 5200P HSSI
LMC 1200P E1/T1 (v 2.1 September 2000)

Ethernet

ISA NE2000 compatible
PCI NE2000 compatible
Four port D-Link 10/100 DFE 570TK
RTL 8139 10/100
Tulip
most standard PCI / ISA ethernet cards

Fiber

IMC Networks PCI fiber interfaces
FX - SC - ST - singlemode - multimode

