



Routerboard 532 Communications platform



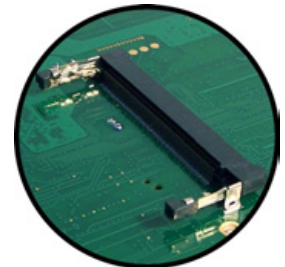
- All in one integrated communications platform
- Designed for high throughput networks
- Reliable non-stop operation
- Simple and robust design
- Power efficient
- Power over Ethernet possible
- MIPS 4Kc core CPU architecture
- Optional daughterboard possibilities
- 2 to 3 times faster then Geode SC1100 boards

Specifications

CPU	MIPS32 4Kc based 266 – 330MHz embedded processor
Memory	32MB DDR onboard memory chip
Boot loader	Routerboot, 1Mbit Flash chip
Data storage	64MB onboard NAND memory chip and Compact flash I/II slot
Ethernet	1 IDT Korina 10/100 Mbit/s Fast Ethernet port, Auto-MDI/X 2 VIA VT6105 10/100 Mbit/s Fast Ethernet ports, Auto-MDI/X
MiniPCI slots	Two Mini PCI Type IIIA/IIIB slots
Serial port	One DB9 RS232C asynchronous serial port
Led's	Power, 2 LED pairs for Mini PCI slots, 1 user LED
Watchdog	IDT internal SoC hardware watchdog timer
Power options	IEEE802.3af Power over Ethernet: 12V or 48V DC mode Power jack/header 6..24V or 25..56V DC jumper selectable
Dimensions	14.0 cm x 14.0 cm (5.51 in x 5.51 in)
Weight	140 g
Temperature	Operational: -20°C to +70°C (-4°F to 158°F)
Humidity	Operational: 70% relative humidity (non-condensing)
Power consumption	2.4-3.4W without extension cards. Maximum 6.3W with cards.
Operating Systems	RouterOS (Wandy & Mikrotik) Debian Linux 2.4 MIPS reference OS.



Power over Ethernet possible



The board offers two Mini PCI ports

Optional daughter boards



RB502: Two extra Mini PCI slots



RB564: 6 10/100 Ethernet ports

