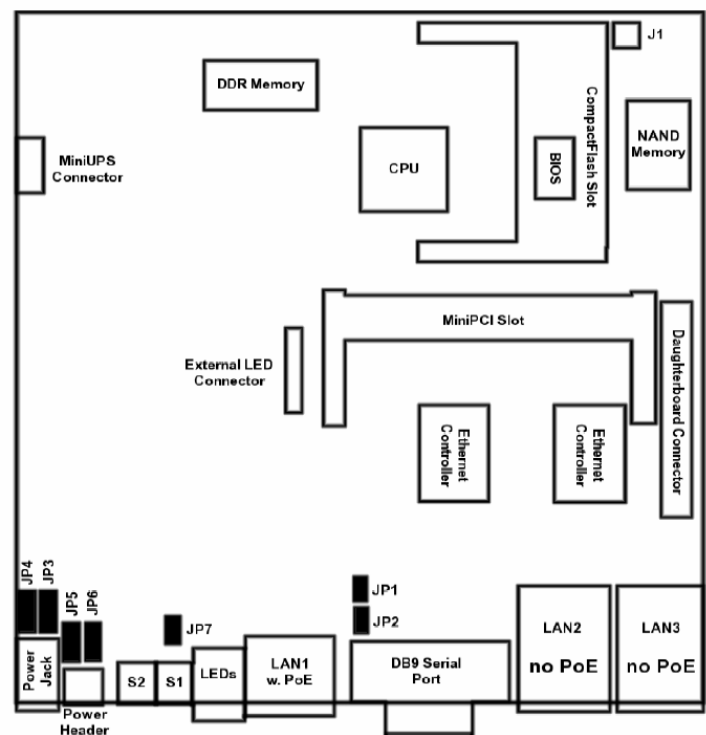
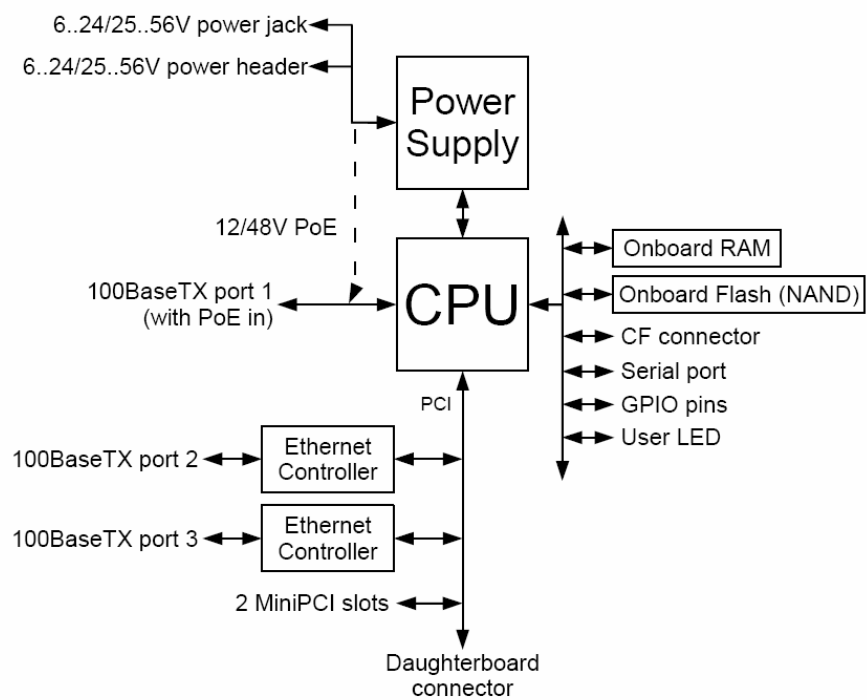


System Board Layout



Note: on the other side of the board, there is only a MiniPCI connector, so no layout diagram shown

Block Diagram



Specifications

	RouterBOARD 532
CPU	MIPS32 4Kc based 266MHz (400MHz optional) embedded processor
Memory	32MB DDR onboard memory chip
Boot loader	RouterBOOT, 1Mbit Flash chip
Data storage	64MB/128MB onboard NAND memory chip CompactFlash type I/II slot (also supports IBM/Hitachi Microdrive)
Ethernet	One IDT Korina 10/100 Mbit/s Fast Ethernet port supporting Auto-MDI/X Two VIA VT6105 10/100 Mbit/s Fast Ethernet ports supporting Auto-MDI/X
MiniPCI slot	Two MiniPCI Type IIIA/IIIB slots
Serial port	One DB9 RS232C asynchronous serial port
LEDs	Power, 2 LED pairs for MiniPCI 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 (4.9 oz)
Temperature	Operational: -20°C to +70°C (-4°F to 158°F)
Humidity	Operational: 70% relative humidity (non-condensing)
Power consumption	2-3W without extension cards. Maximum – 4.25 (14W) with base voltage 3.3V