Diswire
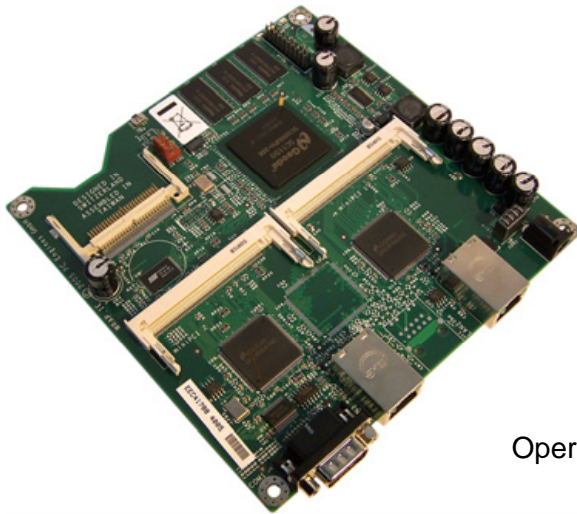
WRAP 1E-128 board
Single board computer

Cost effective Single Board Computer

Watchdog timer built into CPU

Thermal monitor protection

128 MB SD RAM

Dual Mini PCI

Dual Ethernet ports

Designed by PC-Engines

Ideal for WiFi hotspot solutions

Operating system stored on Compact Flash card

Specifications

CPU	266 MHz AMD Geode SC1100 CPU (fast 486 core)
DRAM	128 MB SDRAM
Storage	Operating system or application stored on CF card (not included).
Power	Jack or passive PoE (not 802.3af compliant): +11V to +18V DC.
Management	Watchdog timer built into CPU; LM77 thermal monitor protection.
User interface	Three front panel LEDs, one pushbutton switch, can be controlled through CPU GPIO pins (no switch on WRAP.2C). Console I/O redirected to serial port.
Expansion	LPC bus for adding serial ports, ISA style I/O, GPIO etc. I2C bus for user interface, software lock devices etc.
Connectivity	2 Ethernet channels (National DP83816) 2 miniPCI slots (cards not included) 1 serial port (console)
Dimensions	100 x 160 mm
Software	Possible operating system or application software.
FreeBSD	M0n0wall, PfSense, OpenBSD, NetBSD.
Linux	LEAF, ME2000, WRAPCOP, GNAP, Amsel, Pebble, Metrix, Pebble, Voyage, AstLinux, Locustworld, Meshnode.
Commercial	RouterOS (Wandy – Mikrotik) StarOS IkarusOS.

Flexibility by storing operating system on removable compact flash

Dual PCI and Dual ethernetport. Makes smart-firewalling or 2,4 GHz and 5 GHz flexibility possible.