

WP188

WIRELESS QUAD-BAND ACCESS POINT PCBA BOARD (4- MiniPCI)

- **Intel XScale IXP425 Processor Operating at 533MHz**
- **128MB SDRAM (Up to 256MB max.) / 16MB Flash (Up to 32MB max.)**
- **4 X Type III Mini PCI Slots**
- **Integrated IEEE 802.3af Standard Compatible Power-over-Ethernet (PoE)
- (High Power)*
Compatible with Compex PoE Plus**

* Requires 25W for 4 MiniPCI's to work properly

TECHNICAL SPECIFICATIONS*

GENERAL INFORMATION

PROCESSOR	Intel XScale IXP425 Processor Operating at 533MHz
MEMORY	128MB SDRAM (Up to 256MB max.)
FLASH	16MB FLASH (Up to 32MB max.)
PHYSICAL PORTS	4 x Type III Mini-PCI Slots 2 x 10/100 Base-TX Ethernet Ports (with Auto MDI/MDIX)
DEBUG INTERFACE	Serial / JTAG Optional JTAG Programmer** available Optional Serial Converter*** available
OPERATING TEMPERATURE	-20°C to 55°C
OTHER FEATURES	User LED and Push-button Reset Watch-Dog Timer Real Time Clock (RTC) SD Card Slot Reset Switch Button Surge Arrestors (On Both Ethernet Ports) Temperature Sensor Heater Control Mosfet
DIMENSIONS	180mm x 126mm x 2mm
MINIPCI SUPPORT	Supports up to 2 X 26dBm miniPCIs, and 2 X 20dBm miniPCIs in WPM or WPMA Enclosure Supports up to 4 X 26dBm miniPCIs in a non-enclosed free air enclosure

INFORMATION ON POWER

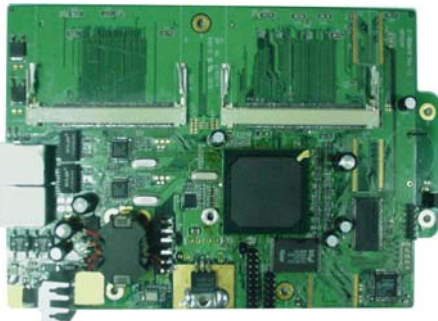
POWER OVER ETHERNET	IEEE 802.3af Standard PoE Compatible (High Power)**** Compex PoE Plus Compatible Only 1 X Ethernet Ports Support PoE
TYPICAL OPERATING POWER	5 W (Without MiniPCI , Board Only)
DC Supply	24V - 48V DC Supply

* Specifications are subjected to change without notice

** JTAG Programmer available to reprogram the flash in case of loader corruption.

*** Serial Converter available to change the TTL signals on board to RS232 signals for debugging

**** Requires a 25W IEEE 802.3af Standard PoE Compatible for 4 MiniPCI's to function properly



- ◆ **Access Point
PCBA Board with
4 X miniPCI Slot**
- ◆ **Intel XScale IXP425
CPU**
- ◆ **Integrated Power
Over Ethernet**
- ◆ **Real Time Clock**
- ◆ **SD Card Slot**

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