

WPM188

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



- ◆ Access Point PCBA Board with 4 X miniPCI Slot
- ◆ Intel XScale IXP42x CPU
- ◆ Integrated Power Over Ethernet
- ◆ Real Time Clock
- ◆ SD Card Slot

- Intel XScale IXP42X Processor Operating at 266MHz or 533MHz
- Default Configuration for PCBA with IXP422 (266MHz) CPU, 32MB SDRAM (Up to 256MB max.) / 4MB Flash (Up to 32MB max.)
- Default Configuration for PCBA with IXP425 (533MHz) CPU, 64MB SDRAM (Up to 256MB max.) / 8MB 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

GENERAL INFORMATION

PROCESSOR	Intel XScale IXP42x Processor Operating at 266MHz or 533MHz
MEMORY	32MB (IXP422) / 64MB (IXP425) SDRAM (Up to 256MB max.)
FLASH	4MB (IXP422) / 8MB (IXP425) FLASH (Up to 32MB max.)
PHYSICAL PORTS	4 x Type III Mini-PCI Slots 1 x 10/100 Base-TX Ethernet Ports (Up to a Max of 2 10/100 Ethernet Ports can be Supported) (with Auto MDI/MDIX)
DEBUG INTERFACE	Serial / JTAG Optional JTAG Programmer** available Optional Serial Converter*** available
OPERATING TEMPERATURE	0°C to 50°C
OTHER FEATURES	User LED and Push-button Reset Watch-Dog Timer Real Time Clock (RTC) SD Card Slot
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 Both Ethernet Ports Support PoE
TYPICAL OPERATING POWER	8 W (Without MiniPCI)

- * 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

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