

802.11b Wireless Mini PCI Card



Software Enhanced

Site survey for optional connectivity Profile definition & selection

Integration Support

Made to order embedded antenna design with easy OEM integration

Model	WM38
Description	2.4 GHz Direct Sequence Spread Spectrum (DSSS) Wireless Mini PCI Card.
Interoperability	Interoperable with Wi-Fi(WECA) certified products(AP, Card etc)
Host	Mini-PCI spec V1.0 type III B
Chipset	AMD Alchemy Am1772
Data	11, 5.5, 2 and 1 Mbps per channel, Auto Fall-Back
Memory Size	128K x 16 SRAM
Power Supply	3.3V
OS Support	Window 98 SE/2000/NT/ME/XP/Linux
Network Architecture	Support ad-hoc(peer-to-peer) and infrastructure (communications to wired networks via Access Points), roaming(standard IEEE802.11b compliant)
RF Output Power	14 dBm
Current Consumption	TX mode < 232mA RX mode < 134mA Sleep mode < 18 mA
Antenna	Internal diversity with connectors
Operating Channels	1 — 11 FCC (US) 1 — 13 ETSI 10 — 13 (France) 10 — 11 (Spain) 1 — 14 (Japan, MKK)
Modulation	CCK(11Mbps, 5.5Mbps), DQPSK(2Mbps), DBPSK(1Mbps)
Sensitivity	@PER<8% 11Mbps : -80dBm, 5.5Mbps : -87dBm 2.0Mbps : -85dBm, 1.0Mbps : -90dBm

Warranty	One year limited warranty
Operating Frequency	2.412 ~ 2.462 GHz (US) 2.412 ~ 2.484 GHz (Japan) 2.412 ~ 2.472 GHz (Europe ETSI) 2.457 ~ 2.462 GHz (Spain) 2.457 ~ 2.472 GHz (France)
Humidity	≤95% (Non-condensing)
Operating temperature	0°C to 60°C
Storage temperature	-20°C to 70°C
Dimension	44.6mm(W) *59.8mm(L) *4.1 mm(H)