

Prime Wireless-B WP288P Wi-Fi 11Mbps Cardbus Adapter PCMCIA (7,95 EUR)



Locatie **Noord-Holland, Amsterdam**
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Prime Electronics PESI AMD Alchemy PQP-WP288P (Retro) Notebook Adapter PCMCIA PC Card
Cardbus 2.4GHz 11Mbps Wireless-B Network Adapter 802.11b

-Prijs € 7,95 + € 3,90Â verzendbijdrage PostNL buspakket ~ 350g Â track & trace

-Een van de eerste PCMCIA Wi-Fi adapters aangestuurd door AMD Alchemy chipsets voor wireless LAN
AM1770 / AM1771/ AM1772

- Werkt in de 2.4Ghz frequentie-band met WI-FI data-speeds tot 11Mbps voor oudere notebook systemen of systemen met een PC Cardbus 32-bit kaart interface

-802.11b standaard is de eerste echt doorgebroken draadloos netwerk uitgebracht September 1999
2,4Ghz 20Mhz bandbreedte /Datasteam @ 5.5 up to 11 / MIMO streams 1 / DSSS Modulatie Binnenhuis
38 Meter Buitenshuis 140 Meter

-WiFi gecertificeerd voor internet / WIFI protocollen 802.11 B en backwards compatibel met protocol 802.11 Legacy, Ook forwards compatibel met 802.11 G en recenter

-Met 11 Mbps high speed 802.11 B Standaard 10 keer zo snel als 802.11 A Legacy (11 megabit per seconde (Mbit/s)) Ondersteunt ook, 5.5 en 1 Mbps data rate



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Prime Wireless-B WP288P Wi-Fi 11Mbps Cardbus Adapter PCMCIA

- Geschikt voor PCMCIA Cardbus Type I en Type III met maximaal 32 GB met de juiste energie

- PC Card interface vastgelegd sinds 1991 door PCMCIA (Personal Computer Memory Card International Association).
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- Geen nagevolgd en geschied van Windows XP, Windows 2000 en Legacy Windows NT4 en Linux

-Voorzien van Led indicators voor speed & activiteit / Link

-Up to 64/128-bit WEP encryption en Advanced wireless security: Wi-Fi Protected Access and up to 128-bit encryption

-Inclusief CD-ROM voorzien van Drivers / Utilities en Manual/ Handleiding Wireless CardBus Mini PCI PCIMIA

-3 maanden niet goed geld terug garantie

Omschrijving

De Prime Electronics & Satellitics PESI / Atlas WP288P Wireless-B PC Card PCMCIA Cardbus uitgebracht in 2003 is voorzien van Advanced Micro Devices AMD Alchemy chipset AM1770 ~ series een zeldzame uitstap van de fabrikant AMD in de wireless WI-FI chip branche. Deze Prime Electronics door de FCC gecodeerde PQP-WP288P branding komt voor bij meerdere merken zoals E-tech , Zonet, NetVision e.a. Overeenkomst is dat ze gebruikmaken van de AMD Wireless controller chip. Deze module van Pime / PESI WP288P is een prima upgrade als U draadloos gebruik van een (retro) laptop / notebook / (retro) PC systeem/ modules wilt voorzien van een Wi-Fi / Wireless LAN netwerk met high speed netwerkmogelijkheden.

Met deze Prime / PESI WP288P Wireless-B PCMCIA netwerk-adapter kunt U gebruik maken van de hogere snelheden tot ruim 11Mbps , betere stabiliteit en voorzien van de noodzakelijke 64-bit / 128-bit WEP versleuteling beveiliging-standaarden. De Prime / PESI WP288P Wireless-B PCMCIA netwerk-adapter werkt op de 2.4Ghz band frequentie met het IEEE 802.11 B protocol waarbij data speeds van 511Mbps mogelijk zijn en dat is voor alle basis draadloos LAN / WI-FI netwerk, internet en downloaden in de basis voldoende voor een ouder notebook of PC systeem.

De Prime WP288P Wireless 802.11b Wi-Fi adapter kan gewoon worden gebruikt met routers en Wi-Fi access points die gebruik maken van het recentere IEEE802.11n en oudere 802.11 legacy protocol binnen de mogelijkheden van een Wireless-B adapter en is compatibel met Windows XP, Windows 2000 ME, NT4 Windows 98/SE en Linux (onder voorbehoud).

Beschrijving fabrikant / Technische specifications AMD Alchemy WP288P: AMD AM1770 ~ AM1772 chipset AMD A

Introduction

Wireless LAN technology is becoming increasingly popular for a wide variety of applications. Its reliability and performance makes it possible to create large-scale and complex wireless networks. Originally designed for indoor office applications, today's Wireless LANs can be used for both indoor peer-to-peer networks as well as for outdoor point-to-point and point-to-multipoint remote bridging applications. Wireless LANs can be designed to be modular and very flexible.

-The advantages of wireless networking are:

- freedom of movement
- easy and fast installation
- flexible

-Wireless LAN Topology

The Wireless LAN is based on a cellular architecture where the system is subdivided into cells. Each cell is controlled by a Base Station called "Access Point". For smaller networks, a single cell is large enough. A single cell can also work without Access Point. Some examples are given below. For connecting two or more individual computers with each other, each computer needs a PCI, PCMCIA or USB wireless device. If there is no wired network, no Access Point is needed.

-Peer-to-peer network

For connecting one computer wireless to a wired network, the computer needs a Wireless PCI, PCMCIA or USB device. An Access Point needs to be connected to the hub or switch from the wired network. One access point support 15 to 50 clients.

-Client and access point

For connecting two separate wired networks, a bridge need to be installed on each network.

Wireless Access Point: The Access Point Connects wireless devices to a wired network.

Wireless Bridge: Connects a wired network to another wired network

Long-range network links: We provide special equipment for long range wireless links. This is a perfect solution for teleworking and for connecting office-branches with each other.

The distance can be up to 5 kilometer. Line of sight is required, especially for long distance wireless links.

For links up to 3500meter, a speed of 11Mbps is available. For longer links, the speed can fallback to 5.5 Mbps.

Operating systems and protocols: Our Wireless LAN products are compatible with the WiFi standard. This means the products are compatible with other brand wireless network devices.

All different kinds of network protocols can be used. The Wireless cards also supports Linux.

-Card Interface 32-BIT CARDBUS WITH PCMCIA TYPE II

-IEEE 802.11B compliance standard and backwards compatible with IEEE 802.11b

-2.400 Ghz ~ 2.483.5 Frequentie band

-Transmit Power 18 dBm

-Advanced security features; including WEP

-Protocols 802.11b / IEEE 802.11

-11 Channels (US, Canada)

-13 Channels (Europe)

-14 Channels (Japan)

-Channel Spacing (MHz) 1-5.

-Modulation: DSSS

-CCK (11 Mbps),

-DQPSK (2 Mbps),

-DBPSK (1 Mbps);

-Spreading 11-chip Barker Sequence

-Media Access Protocol CSMA/CA (collision Avoidance) with ACK

-PCCard Interface PC Card PCMCIA Type II 3.3V

-Afmetingen 115.0 mm x 54.0 mm x 6.5 mm -Weight 46 g

-LED Indicators Link, Power

-Antenna Connector On board patch

-Standard Test Condition

Supply voltage(V) 3.3

-Electrical Specification

-Power Consumption 3.3V

-Temperature Range $-40 \sim 55^{\circ}\text{C}$

-Humidity 5 ~ 95 % (Non-condensing)

@+3.3V (mA)

Receiver Mode 150 Transmit Mode 260

-Receive Sensitivity Sensitivity: 802.11b; [FER < 8%]

-82 (dBm) -84 @ 11 Msps @ -87 @ 5.5 Msps -90 @ 2 Msps -92 @ 1 Msps

-Sensitivity: -802.11B: PER < 8%

-11 MBPS $\approx$ -80 DBM

-5.5 MBPS $\approx$ -83 DBM

-2 MBPS $\approx$ -86 DBM

-1 MBPS $\approx$ -89 DBM

Average Output Power

-84 @ 11 Msps -11dBm 12dBm @29.5dB difference between the signal (dBm)

level at center frequency and higher

first side lobe

Frequency Accuracy(ppm) -25 + 25

4. Frequency channel plan

Regulation Domains

Channel_ID Frequency (Mhz)

-Certification FCC, IC, ETSI

Spain, France,MKK

-Operating Temp. 0 to 55Â°C

-Storage Temp. -25 to 70Â°C

-Operating Humidity 5 to 95% noncondensing

-Storage Humidity 5 to 95% noncondensing

Manual installation instructions

1) Unzip the files to a directory (e.g. C:\Prime WP288P AMD).

2) Open Control Panel by clicking Start -> Settings -> Control Panel.

3) Click on System.

4) Click on the Hardware Tab (Device Manager Tab in Windows 98SE and Windows Millenium)

5) Click on Network Adapters and double click on Wireless-B/ Prime WP288P AMD Notebook Adapter

6) Click on the Drivers tab

7) Click on Update Driver

8) Select "Choose the device from a list of compatible hardware.

9) Select "Specify a Location"

10) Point the directory to where you've unzipped the drivers (e.g. C: Prime)

11) Select Wireless-B / Prime WP288P AMD Notebook Adapter

12) Click OK

13) Check the Drivers tab under the device information and verify that the driver version has now changed to 3.20.21