ADP-8301

PCI ADSL Modem

Designed for high-speed data communication and internetworking transport services, PLANET PCI ADSL Modem meets the requirements. ADP-8301 refers to the technology used between a customer's premises and the telephone company/ service provider, enabling more bandwidth over the already installed copper cabling than uses have traditionally had.

PLANET ADP-8301 is able to meet high bandwidth services to home and business using existing telephone cabling infrastructure. PLANET ADP-8301 offers users instant Internet access speed and uninterrupted connection via ANSI T1.413 Issue 2, G.dmt/ G.lite that support up to 8Mbps (Actual connection speeds depends on services offered by local broadband service provider and other factors) data downstream. Its always-on access eliminates the wait time associated with dial-up modems, and the exceptional downstream bandwidth reduces the lengthy delays associated with downloading large documents or images. To protect the investment, PLANET ADP-8301 supports software upgrades that shall both protect your investment and have functionality enhancement.

With ADP-8301, users will be offered a great experience, with access speed hundred times faster than 56Kbps analog modem and 60 times faster than ISDN modem. Megabit downstream line rate, ease of use, investment protection, and low initial cost, PLANET ADP-8301 provides users most cost-effective internetworking solution than those of traditional access equipment. Get it, enjoy it.

▶▶ Key Feature

- ❑ ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) and ITU-T (G.lite) solution optimized for PC
- ❑ Auto-sensing between ANSI T1.413 issue 2, G.dmt and G.lite
- ❑ Up to 8Mbps downstream and 640Kbps upstream for full-rate operation
- ❑ Up to 1.536Mbps downstream and 512Kbps upstream for G.lite
- ❑ Rate adaptive at 32Kbps steps depending on the line condition
- ❑ Reach up to 18,000 feet in distance
- ❑ Full ATM protocol stacks implementation over ADSL (AAL5 & SAR)
- ❑ Interoperability with all major central office ADSL equipment Low power consumption
- ❑ Host-based ADSL modem
- ❑ Software programmable data rates and CPU utilizaiton
- ❑ Software upgradeable

Product	PCI ADSL Modem
Model	ADP-8301
Attachment Interface	PCI 2.2 compliant
Ports	1 x RJ-11 for ADSL Line
Broadband Standard Compliance	Full-rate ANSI T1.413 issue 2 ITU-T G.dmt (G.992.1) ITU-T G.lite (G.992.2)
Data Rate	Full rate: Up to 8Mbps downstream and 640Kbps upstream G.lite: Up to 1.536Mbps downstream and 512Kbps upstream
Protocol Standard Compliance	RFC 2364 - PPP over ATM LLC/VCMUX RFC 2516 - PPP over Ethernet LLC/VCMUX RFC 1577 - Classic IP over ATM RFC 1483 - Bridged IP over ATM LLC/VCMUX RFC 1483 - Routed IP over ATM LLC/VCMUX Up to 8 VCs ATM AAAL5
System Requirement	OS: Windows 98 / ME, NT4.0, 2000 / XP CPU: Pentium or equivalent (Recommend: Pentium II / III 450MHz or above for full-rate operation) HDD: 20MB free space Mainboard: Available PCI slot master/slave interface (PCI Spec 2.1 or above)
Power Consumption	2 to 3W(PCI 2.2 power management compliant)
Operating Environment	Temperature: 0 - 55 degree C (32 - 104 degree F) Humidity: 5 - 95% non-condensing
Emission	FCC part 15, CE

▶▶ **ORDERING INFORMATION**

➤ **ADP-8301**   PCI ADSL Modem (1 RJ-11, 1 PCI, Annex A)

PLANET Technology Corp.