ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Find the *Molex / Woodhead / Applicom PCI1500S7* at our website: *Click HERE*

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PCI1500S7

open industrial communication concept

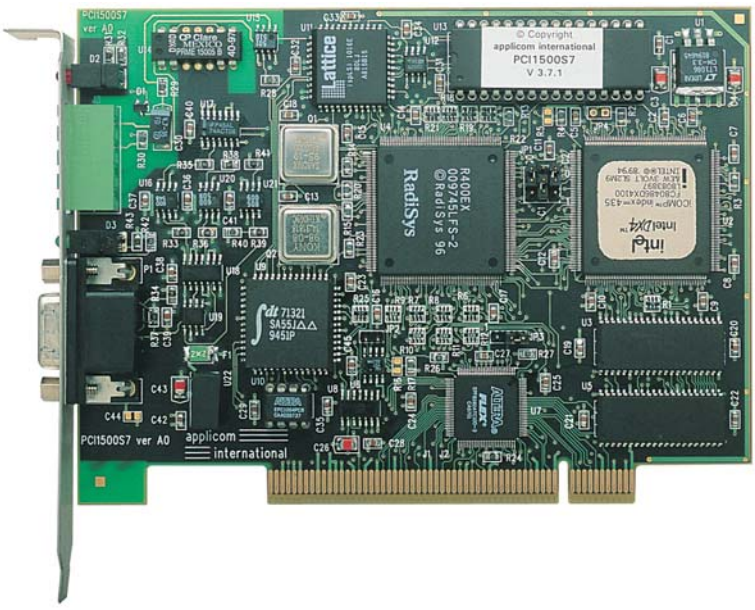
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applicom® PCI1500S7



Based on a unique industrial communications concept, applicom® is the fastest, open, trouble-free approach for interfacing PC-based applications (HMI, SCADA, MES, RDBM, spreadsheets, custom applications) and devices (PLCs, I/O modules, etc.) on fieldbuses and industrial networks.

The applicom® software package includes:

- Configuration software.
- Powerful test and diagnostic tools.
- Data servers (OPC, ActiveX, DDE, FastDDE, SuiteLink).
- Development libraries for programming languages such as Visual C/C++, Visual Basic, Delphi, Borland, Windev, Labwindows CVI, LabVIEW...

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Thanks to smart technology, all applicom® communications processors are able to execute all management and the processing (polling, frame management, etc.) of communications protocols, resulting in extremely fast, efficient application performance.

Particularly, the applicom® **PCI1500S7** board is equipped with **1 Profibus port,** dedicated for **Siemens S7** PLCs connectivity excluding Profibus DP and Profibus FMS.

applicom international is a member of **PTO** (**P**rofibus **T**rade **O**rganization) and **PNO** (**P**rofibus **N**utzer**o**rganisation e.V.).

Compatible platforms

- Windows 2000
- Windows NT 4.0 (Intel)
- Windows 95, 98
- Linux, VxWorks, QNX (contact us)

Protocols

Profibus Protocol	Device
S7 protocol	SIEMENS Simatic S7-300 & S7-400
MPI	SIEMENS Simatic S7-300 & S7-400 (Programming port)

Serial Protocol	Device
PPI, PPI+	SIEMENS Simatic S7-200 (Programming Port)

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Technical Data

Unit	PCI PC board
Processor	Intel 80486DX4
Memory	4 Mbytes dynamic RAM
Supported Interrupts	Hardware Plug&Play
DPRAM Address	Hardware Plug&Play (2 Kbytes used per board)
Discrete Input	Opto-coupled discrete input with LEDVoltage -> DC +10 to +30 or AC 24 V (50 to 60 Hz)
Discrete Output	"WatchDog" contact output LED; contact free from potential (floating) (24V DC, 0.25 A)
Technology	SMC technology; Complies with EMC for both Industrial and office use
Dimensions (L x W)	145mm x 106mm (5.70" x 4.17")
Consumption	6 W (max. 1.2A)
Operating Temperature	0° C (32° F) up to +70° C (149° F)
Storage Temperature	-40° C (-92° F) up to +80° C (176° F)

Profibus port

Port Type	1 Profibus port (EN 50 170)
Connector Type	Profibus 9-pin Sub-D female
Transmission LEDs	1 Transmit LED and 1 Receive LED
Electrical Interface	RS485 with galvanic insulation (500 volts)
Baud Rate	from 9.6 kBaud to 1.5 MBaud

Transmission rate	**Length per segment***
9.6 - 19.2 - 93.75 kBaud	1200 meters
187.5 kBaud	1000 meters
500 kBaud	400 meters
1.5 MBaud	200 meters

* May vary depending on cable characteristics. Source PNO.

Utilities

- Board configuration utility (devices, protocols, communication parameters)
- Cyclic function configuration utility
- Diagnostics and test programs

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Add-on

Connector

- Profibus connector (Siemens)



References

applicom® on PCI 1500S7 board	Reference
under Windows XP, 2000, NT4, 95/98	PCI1500S7/W32

Connector	Reference
Profibus connector (Siemens)	6GK1 500 0EA00

Profibus Protocol	Device	Reference
S7 protocol	SIEMENS Simatic S7-300 & S7-400	PC/S7
MPI	SIEMENS Simatic S7-300 & S7-400 (Programming port)	PC/S7

Serial Protocol	Device	Reference
PPI, PPI+	SIEMENS Simatic S7-200 (Programming Port)	PC/PPI

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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