



In-Rack PC with OPC Server

PC56-OPC

The PC56 with OPC Server allows you to access data from a ControlLogix™ PLC directly across the backplane, and connect to an OPC Client.

The PC56-OPC is an industrial PC for the ControlLogix platform that provides high speed communication with both local and remote ControlLogix processors. The PC56-OPC allows users to communicate with ControlLogix processors in an efficient, distributed, and cost-effective fashion.

Features and Benefits

The PC56-OPC allows you to access tag data from the ControlLogix Controller to an OPC Server located on the PC56-OPC.

- Improved reliability and performance: No middleware between client software and ControlLogix hardware
- Easy Hardware Redundancy: Using two PC56-OPC, and then simply specifying two IP addresses for a very fast switching mechanism to support Redundancy.
- Communicates with the ControlLogix controller directly through the ControlBus backplane, which simplifies installation and improves performance.
- No modifications to the ControlLogix controller program are necessary.
- Supports multiple ControlLogix controllers.
- Supports both local (same rack as PC56-OPC) and remote (via 1756-ENET or 1756-CNET modules) controllers.
- Includes configuration tools. Tag scan rates can be individually configured for optimal performance.

General Specifications

- Communicates directly with the ControlLogix processor across the backplane for the most reliable data access.
- Plug and Play. Can be added to new or existing ControlLogix PLCs without changing the control application
- Ability to read tags from networked processors

In-Rack PC with OPC Server PC56-OPC

The PC56-OPC allows you to access data from the ControlLogix Controller to an OPC Server located on the PC56-OPC. Multiple ControlLogix controllers may be accessed, either in the local rack or in remote racks connected via Ethernet or ControlNet.

How to Contact Us: Sales and Support

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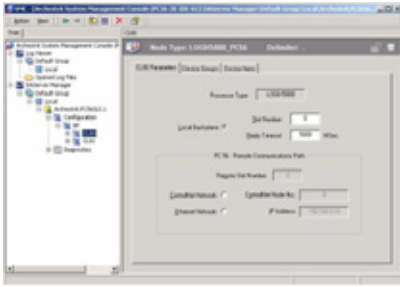
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- No network connection required for local processors



Functional Specifications

The PC56-OPC consists of:

- PC56 Industrial PC for the ControlLogix platform
- SMC (Management Console) for easily configuration
- OPC Server
- Windows XP Professional
- 4 GB Compact Flash Drive

Hardware Specifications

Specification	Description
CPU Processor	Embedded 500 MHz Processor
Memory	512 MB SDRAM System Memory, upgradeable to 1 GB 512 KB SRAM (Battery Backed)
Compact Flash	Compact Flash Type I or II socket
Ports	10/100T IEEE 802.3 Ethernet Isolated Serial RS-232 / RS-422 / RS-485 (2) USB 2.0 / 1.1 High Speed Host
Connectors	VGA, 2 Ethernet, 2 USB
Battery	Rechargeable Lithium Vanadium Pentoxide
Jumpers	COM 1 Mode Selection Battery Enable/Clear CMOS Boot to SAFE STATE (default settings) Hardware Debugger Support
Switches	Recessed Reset Switch
LED/Display	4-digit alphanumeric status display 3 Status LEDs 1 User LED Red, Green, Off
Real-Time Clock	Precision RTC accurate to +/- 4 minutes per year
Timers	82C54 Timer Clock 14 MHz – Interrupt Interval 1.67619 US

Specification	Description
Video	VGA 1920 x 1440 1280 x 1024 256 1024 x 768 56K 800 x 600 16 M 43 Hz Interlaced 56 through 85 Hz Refresh Rates

Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at <http://www.prosoft-technology.com> for a complete list of products.

Ordering Information

To order this product, please use the following:

PC56-OPC In-Rack PC with OPC Server

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to <http://www.prosoft-technology.com>

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