

Hardbook SoftPLC™

Models HB1-PHL1-x

General Description

A Hardbook SoftPLC™ is an open architecture controller, consisting of:

- ◆ SoftPLC Control Software, I/O and communications drivers, and (optional) embedded web server
- ◆ Embedded Gatecraft™ Firewall technology
- ◆ Industrial enclosure of heavy duty steel construction with mounting brackets
- ◆ Single-Board CPU card with on-board SDRAM memory, flash memory, (1) USB port, (1) serial ports, & (2) Ethernet ports
- ◆ Your selected options such as I/O interfaces, communication card, motion control card, modem, etc.

Hardbook SoftPLC's are “cable-ready” controller CPU's and include component hardware assembly, SoftPLC runtime software and driver installation, system configuration, and system level testing.

Hardbook SoftPLC models are sized by discrete I/O capacity (see table.) Analog or special purpose module I/O channels allowed are limited only by the hardware configuration chosen.

Hardware

- ◆ PCI expansion slot for add-in I/O card, modem, etc.
- ◆ (2) 10/100 Ethernet ports
- ◆ (1) Serial port, & (1) USB port
- ◆ 64 MB RAM (expandable)
- ◆ 64 MB Compact Flash (expandable)
- ◆ -20 ~ +70 °C operation (-4 ~ 158 °F)
- ◆ (4) temperature sensors, (2) separate watchdog controllers, & (4) voltage monitors
- ◆ Dimensions (W x H x D) 9.93 x 5.25 x 3.01 inches 252 x 133.2 x 76.4 mm
- ◆ 110 VAC power supply adapter included
- ◆ Mounting brackets included



Available Models & I/O Capacities

Catalog Number	Discrete Inputs	Discrete outputs
HB1-PHL1-LT	up to 128	up to 128
HB1-PHL1-1K	up to 1024	up to 1024
HB1-PHL1-2K	up to 2048	up to 2048
HB1-PHL1-8K	up to 8192	up to 8192

