

SoftPLC® Tiny Hardbook™

Models HBO-T4-x

General Description

A SoftPLC® Tiny Hardbook™ 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
- ◆ Embedded CPU with on-board RAM memory, compact flash, (3) USB port, (2) serial ports, & (1) Ethernet port

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

SoftPLC Hardbook 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

- ◆ 500Mhz x86 fanless CPU
- ◆ (1) 10/100 Ethernet RJ45 port
- ◆ (2) RS-232 Serial ports
- ◆ (3) USB ports
- ◆ 512 MB RAM
- ◆ 128 MB Compact Flash (expandable), slot Type I/II (can use MicroDrive)
- ◆ Mini-PCI slot (can be used for eg: Wireless)
- ◆ Real Time Clock w/ backup lithium battery
- ◆ Metal enclosure, fanless construction
- ◆ VESA mounting support
- ◆ 0 ~ +60 °C operation (32 ~ 140 °F)
- ◆ Dimensions (W x D x H)
4.52 x 4.52 x 1.37 inches
11.5 x 11.5 x 3.5 cm
- ◆ Weight approx 500 grams (17.64 oz)
- ◆ AC power supply adapter included, requires 5VDC @ 3A
- ◆ Certifications: CE, FCC, RoHS

Available Models & I/O Capacities

Catalog Number	Discrete Inputs	Discrete outputs
HBO-T4-LT	up to 128	up to 128
HBO-T4-1K	up to 1024	up to 1024
HBO-T4-2K	up to 2048	up to 2048
HBO-T4-8K	up to 8192	up to 8192

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A: OUTSIDE AIR

LES

A < B

A: N007:010

1609

B: 1936

FAN ENABLE

B003

N010:028

10

02