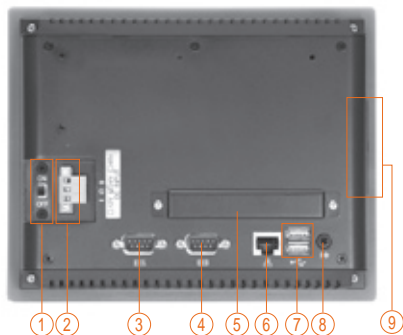


# VTA-7570T

5.7" QVGA Windows® CE-based SCADA HMI



- |                           |                     |
|---------------------------|---------------------|
| 1. Power switch           | 6. Ethernet         |
| 2. DC power connector     | 7. USB 2.0 x 2      |
| 3. COM 2 (RS-232)         | 8. Audio (Line-out) |
| 4. COM 1 (RS-232/422/485) | 9. CompactFlash™    |
| 5. PC/104 slot            |                     |



## Introduction

The VTA-7570T is a 5.7" fanless HMI panel computer equipped with built-in Web-based SCADA software and WinPC32 Pro run-time. It adopts AMD LX800 500 MHz processor and fanless cooling system. With WinPC32 Pro run-time, the VTA-7570T can easily connect different type of PLCs, and also connect PC-based I/O modules in the meanwhile. Besides, on the platform of Windows CE, the VTA-7570T greatly improves the problems such as OS compatibility, hardware expansion, operating function and storage performance. Thus, the VTA-7570T is the newest generation HMI solution for factory automation, machine maker and semi-conductor industry.

### Complete PLC drivers & OPC client supported

Drivers library has the communication drivers of all major brand such as Rockwell, Siemens, GE Fanuc, Modicon, Omron, Mitsubishi, Panasonic and Fuji PLCs, DCS, temperature controller etc. Besides, the WinPC32 Pro is built in OPC client to link with equipments with the OPC server.

## Features



- 5.7" QVGA (320 x 240) 450 nits color TFT LCD
- Fanless cooling system
- Supports complete PLC drivers & OPC client
- Remote monitoring by Web browser
- Standard Windows ODBC/SQL database
- Comprehensive graphical components
- Easy-to-expand: MiniPCI, PC/104



WinPC32 Pro



### Remote monitoring by Web browser

The HMI software is Web browser enabled that operators may monitor, upload and analyze the status of the entire application through internet.

### Comprehensive graphical components

The HMI software, WinPC32Pro, provides users with a convenient way to build their own application programs. It allows users to import GIF, BMP and graphic objects and even composes their own custom components as a standard one for future use.

### LAN & WLAN antenna (optional) supported

For network connection, the VTA-7570T adopts a LAN port which can receive data through control-level network or upload analyzed data to ERP system through information-level network. Besides, it is also equipped with MiniPCI slot for wireless operating environment.

## Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	System Memory	1 x DDR SODIMM min. 256MB, max up to 1GB	
LCD Panel	5.7" QVGA TFT LCD	BIOS	Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup	
	Brightness (cd/m <sup>2</sup> )	450 nits		
	Resolution	320 x 240		
	Viewing Angle (H/V)	120°/100°		
Main System	CPU	AMD LX800 500 MHz	Storage	1 x CompactFlash™
	Chipset	AMD LX+CS5536AD	Watchdog Timer	255 levels, 0-255 sec.
		Onboard Graphics	Integrated in AMD LX	

IO Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x USB 2.0 1 x 10/100Mbps Ethernet 1 x Audio (Line-out)
Expansion Interface	1 x MiniPCI slot 1 x PC/104 slot
Touchscreen	Resistive type
Power Supply	24VDC w/ fuse over-current protection, 55W
Dimensions	208.5mm (8.21") (W) x 59.5mm (2.34") (D) x 167.3mm (6.59") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/2 kg (4.4 lb)
Environmental	Operation temperature: 0° - +45°C (32° - 113°F) Relative humidity: 10% - 95% @ 40°C; non-condensing Operation vibration: (w/o expansion) 2.0G, 5 - 500Hz, random for CompactFlash™
Certification	CE

## Optional EOS Installation

Windows® CE.NET



Side view

## Ordering Information

VTA-7570T	5.7" QVGA Windows® CE-based SCADA HMI with WinPC32 Pro run-time & Windows® CE license
GOT-3570T-PC104A	1 x PC/104 kit
GOT-3570T-PC104B	2 x PC/104 kit
50966A23020E	Power adapter, 72W, 110-230V <sub>AC</sub> to 24V <sub>DC</sub>
WinPC 32 Pro builder	

\*Specifications and certifications are limited to optional.

\*\*Users need WinPC32 Pro builder for programming.

## Dimensions

