

VTA-7120T

12.1" SVGA Windows® CE-based SCADA HMI



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|---------------------------|---------------------|
| 1. Power switch (AT) | 5. COM 2 (RS-232) |
| 2. 24 VDC power | 6. Ethernet |
| 3. VGA | 7. USB 2.0 x 2 |
| 4. COM 1 (RS-232/422/485) | 8. Audio (Line-out) |

Features



- 12.1" SVGA (800 x 600) color TFT LCD
- Fanless cooling system with AMD LX800 processor onboard
- Supports complete PLC drivers & OPC client
- Remote monitoring by Web browser
- Standard Windows ODBC/SQL database
- Comprehensive graphical components
- Easy-to-expand: MiniPCI



WinPC32 Pro

Introduction

The VTA-7120T is a 12.1" fanless HMI equipped with Web-based SCADA software, WinPC32 Pro run-time. It adopts AMD LX800 500 MHz processor and fanless cooling system. With WinPC32 Pro run-time, the VTA-7120T can easily connect to different type of PLCs, and also connect PC-based I/O modules. Besides, on the platform of Windows® CE, the VTA-7120T greatly improves the problems such as OS compatibility, hardware expansion, operating function and storage performance. Thus, the VTA-7120T is the newest generation HMI solution for factory automation, machine maker and semi-conductor industry.

Complete PLC drivers

Driver library includes the communication drivers of all major brands such as Rockwell, Siemens, GE Fanuc, Modicon, Omron, Mitsubishi, Panasonic and Fuji PLCs, DCS, temperature controller, etc.

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.

OPC client & ODBC/SQL supported

The VTA series is built in OPC client to link with equipments with the OPC server. It allows VTA series to connect third party device such as remote I/O modules, PLC and more. Besides, VTA series is capable of linking to remote plant level data base to download recipes or upload process record and logs.

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	Display Type	12.1" SVGA TFT LCD	BIOS	Award 4Mbit with RPL/PXE LAN Boot ROM, SmartView and customer CMOS backup
	Brightness (cd/m ²)	450 nits	Storage	1 x CompactFlash™
	Resolution	800 x 600	Watchdog Timer	255 levels, 0-255 sec.
	Viewing Angle (H/V)	120°/100°	Onboard Graphics	Integrated in AMD LX
Main System	CPU	AMD LX800 500 MHz		
	Chipset	AMD LX+CS5536AD		

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) 1 x VGA
Expansion Interface	1 x MiniPCI slot
Touchscreen	Resistive type
Power Supply	24VDC w/ fuse over-current protection, 55W
Dimensions	327.5mm (12.9") (W) x 51.5mm (2.03") (D) x 262mm (10.3") (H)
Weight (net/gross)	2.24 kg (4.93 lb)/3.67 kg (8.09 lb)
Certification	CE
Environmental	Operation temperature: 0°C ~ +45°C (32°F ~ 113°F) Relative humidity: 10% ~ 95% @ 40°C; non-condensing Operation vibration: (w/o expansion) 2.0G, 5 ~ 500Hz, random for CompactFlash™

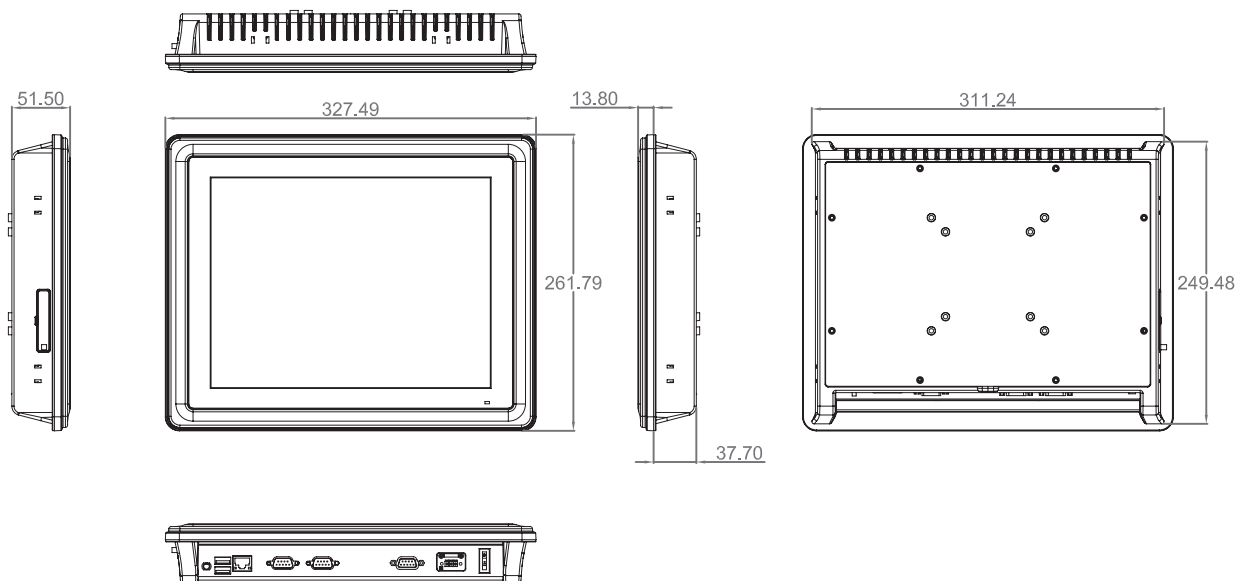
Ordering Information

VTA-7120T	12.1" SVGA Windows® CE-based SCADA HMI with WinPC 32 Pro run-time & Windows® CE license
50966A23020E	Power adapter, 72W, 110~230V _{ac} to 24V _{dc}
WinPC32 Pro builder	

*Specifications and certifications are limited to optional.

**Users need WinPC32 Pro builder for programming.

Dimensions



Optional EOS Installation

Windows® CE.NET



Side view

Touch Panel
Computers for
Various Industr
Applications

Digital Signage
and Display
Solutions

Medical Panel
Computers

Medical Grade
Monitors

GOT Fanless
Touch Panel
Computers

Touch Panel
Computers for
Infotainment

Touch Panel
Computers for
Automation

Touch Panel
Monitors for
Automation

Touch Panel
Computers with
HMI Software