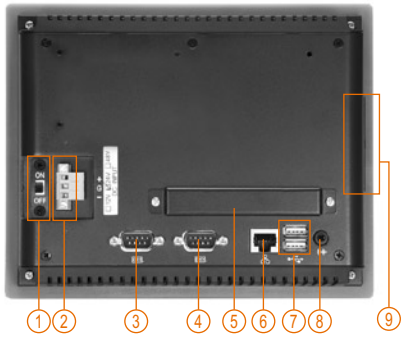
GOT-3570T

5.7" QVGA TFT Compact Fanless Touch Panel Computer



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

Features

Fanless Low Power

- 5.7" QVGA (320 x 240) 450 nits color TFT LCD
- Fanless cooling system with AMD Geode LX800 500 MHz processor
- Supports WLAN antenna (optional)
- Easy for expansion: PC/104, MiniPCI
- Embedded OS: Windows® CE.NET supported

Side view

Introduction

The GOT-3570T is a 5.7" fanless touch panel computer. It adopts AMD Geode LX800 500 MHz processor and fanless cooling system. With CISC-base low power consumption processor, AMD LX800 500 MHz, the GOT-3570T greatly improves the performance such as hardware expansion, operating function and storage. Besides, the GOT-3570T is equipped with PC/104 and provides one MiniPCI slot for expansion and is the best solution for factory automation, machine maker and building automation.

High performance and 450 nits TFT LCD
In response to market demand, the GOT-3570T adopts CISC-base AMD Geode LX800 500 MHz processor and 450 nits display. Unlike the traditional RISC-base product, the GOT-3570T has greatly improved I/O expansion, operating performance and storage capability.

Easy to extend: PC/104 & Mini PCI & WLAN antenna (optional)
The GOT-3570T is equipped with PC/104 slot for communication expansion such as serial ports, DIO/AIO points and LAN port. Besides, it also provides MiniPCI slot for wireless expansion. By simply plugging in the wireless LAN card, customers can use the GOT-3570T in wireless environment.

Easy to plug: CF card design
The GOT-3570T is designed with the concept of easy-to-update. User can update the newest WinCE.NET image just by changing CF card from its easy-to-plug CF slot.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	5.7" QVGA TFT LCD
	Brightness (cd/m^2)	450 nits
	Resolution	320 x 240
	Viewing Angle (H/V)	120°/100°
Main System	CPU	AMD Geode LX800 500 MHz
	Chipset	AMD LX + CS5536AD
	System Memory	1 x 200-pin DDR SO-DIMM min 256MB, max. up to 512 MB
	BIOS	Award 4Mbit with RPL/PXE LAN boot ROM, Smartview and customer CMOS backup
	Storage	1 x CompactFlash™
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in AMD LX chipset

* All specifications and photos are subject to change without notice.

I/O 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	24V$_{DC}$, 55W, w/ fuse power protection
Dimensions	208.5 mm (8.21") (W) x 59.5 mm (2.34") (D) x 167.3 mm (6.59") (H)
Packing Dimensions	340 mm (13.39") (W) x 100 mm (3.94") (D) x 230 mm (9.06") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/2 kg (4.4 lb)
Environment	Operating temperature: 0°C ~ +50°C (32°F ~ 122°F) (in airflow condition) 0°C ~ +45°C (32°F ~ 113°F) Relative humidity: 10% ~ 95% @ 40°C; non-condensing Operation vibration (w/o expansion): 2G, 5 ~ 500Hz, random for CompactFlash™
Certification	CE

Ordering Information

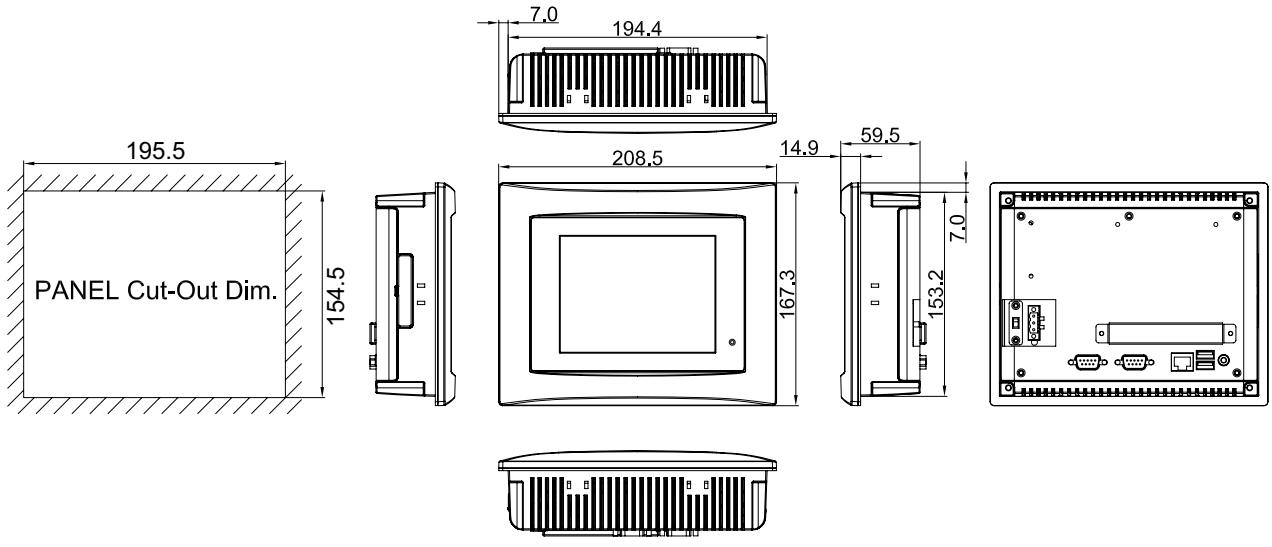
GOT-3570T	5.7" QVGA TFT compact fanless touch panel computer
E223570102	1 x PC/104 slot
E223570103	2 x PC/104 slot
50966A23040E	Power adapter, 70W, 110~230V$_{AC}$ to 24V$_{DC}$
Wireless kit	802.11 b/g wireless LAN kit

* Specification and certifications are based on options and may vary.

Optional EOS Installation

Windows® CE.NET

Dimensions



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