

GOT-3128T

12.1" SVGA TFT NEMA 4X Fanless Touch Panel Computer



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|---------------------|------------------------|
| 1. Power switch | 6. 10/100 Base-T |
| 2. Audio (Line-out) | 7. USB 2.0 |
| 3. COM 1 | 8. PS/2 keyboard/mouse |
| 4. VGA | 9. COM 2 |
| 5. 10/100 Base-T | 10. COM 3 (USB) |



Features

- ▶ 12" SVGA (800 x 600) color TFT LCD display
- ▶ Fanless cooling system and ULV Intel® Celeron® M 1GHz processor
- ▶ NEMA 4X compliant stainless front bezel
- ▶ Supports wide temperature range, from -20° ~ 55°C
- ▶ Anti-vibration up to 1.3G (HDD, random)
- ▶ Supports WLAN antenna (IEEE 802.11b/g) (optional)
- ▶ Over-current power protection-Fuse
- ▶ Supports various mounting ways: Panel, Desktop, VESA, Wall (optional)



Side view

Introduction

The GOT-3128T is a 12.1" fanless touch panel computer designed for food and beverage applications. With a NEMA 4X compliant stainless front bezel, the GOT-3128T also runs in a wide temperature range, from -20° ~ 55°C. The GOT-3128T features a modern, super slim fanless design, is equipped with a 12.1" TFT LCD, and low power consumption ULV Intel® Celeron® M 1 GHz processor. In response to customer's requests for wireless applications, the GOT-3128T has a Mini PCI slot and an optional fixed rotational WLAN antenna for wireless network connection. By just plugging in the Mini PCI WLAN card, customers have instant access wireless LAN. The GOT-3128T is suitable for the food & beverage industry, chemical factories, transportation applications, and more.

Wide-temperature (-20°~55°C) supported

The GOT-3128T adopts unique extended temperature technology, with a temperature range between -20°~ +55°C, with a fanless cooling system and compact design for harsh environments.

NEMA 4X compliant design

The GOT-3128T features a stainless and IP65 water-proof front bezel, so the enclosure offers total protection against falling water and is easily cleaned by high pressure water jets.

Super slim design

The GOT-3128T is a super slim fanless touch panel computer for limited space environments. This fanless touch panel computer is designed around the concept of curved lines and soft edges by incorporating a Celeron-M ULV CPU and streamlined mechanical layout.

Anti-vibration up to 1.3G

With a special vibration-resistant design patent, the GOT-3128T can work well under 1.3G (5 ~ 500Hz) in operation mode, and equipped with a 2.5" HDD.

Specifications

Front Bezel	IP65, NEMA 4X rugged protection, stainless front bezel
LCD Panel	12.1" SVGA TFT LCD
	Brightness 450 nits
	Resolution 800 x 600
	View Angle (H)130° (V)120°
Main System	Main board EP810
	CPU ULV Intel® Celeron® M processor 1 GHz
	Chipset Intel® 852GM+ICH4
	System Memory 1 x 200pin DDR SODIMM max. up to 1GB
	BIOS Award 4Mbit with RPL/PEX LAN boot ROM, Smartview and customer CMOS backup.

Storage	CompactFlash™ or IDE interface 2.5" HDD
Watchdog Timer	Reset supported; 255 levels
Onboard Graphics	Integrated Intel® 852GM GMCH
PS/2 interface	1 x PS/2 for keyboard and mouse
USB	2 x USB port; USB 2.0 compliant
Ethernet	2 x 10/100Base-T (RJ-45)

I/O Connector	2 x D-sub 9-pin for RS-232 1 x D-sub 9-pin for RS-232/422/485 1 x D-sub 15-pin(female) for VGA output 1 x audio (Line-out) 1 x MiniPCI
Touchscreen	Resistive type
Power Supply	16~28V _{DC} fuse power protection
Dimension	338mm (13.1") (W) x 72.4mm (2.83") (D) x 272mm (10.7") (H)
Weight	5.4kg (12 lb)
Certification	CE
Environment	Operation temperature: -20°C~55°C (-4°F~131°F) Relative humidity: 10%~95% @40°C; non-condensing Operation vibration: 1.3G, 5~500Hz, random for 2.5" HDD 3G, 5~500Hz, random for CompactFlash™

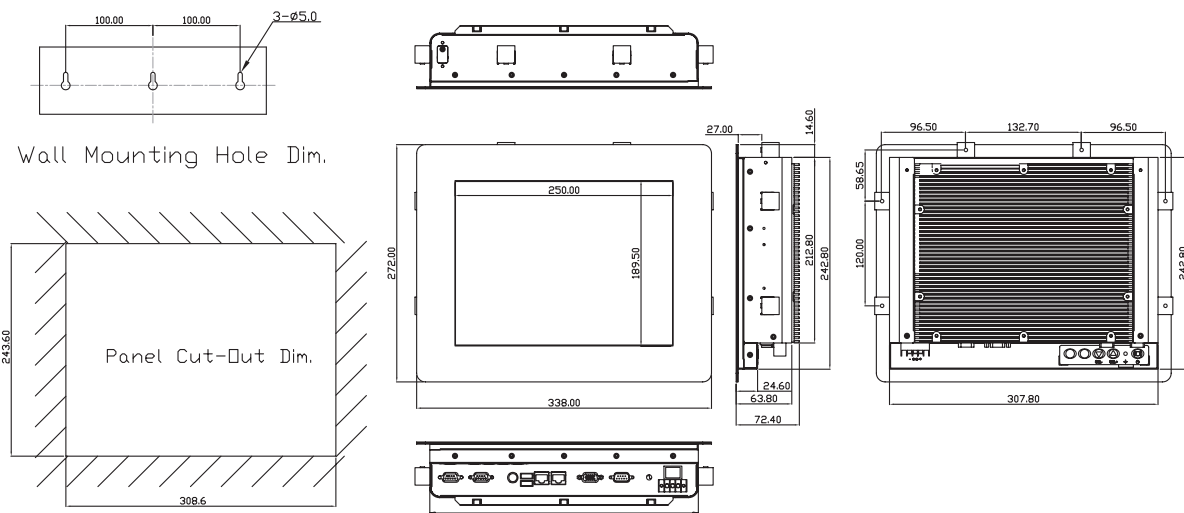
*Specifications and certifications are limited to optional.

Ordering Information

GOT-3128T	12.1" SVGA TFT fanless touch panel computer with resistive T/S, stainless front bezel
Wall/VESA kit (Pre-install)	Wall/VESA mount kit for GOT-3120T
Desktop stand (Pre-install)	Desktop stand kit for GOT-3120T
E202003329	VM-105(ARM) LA-35-RC (VESA ARM wall mount)
E202003330	VM-101(ARM) LA-31-RC (VESA ARM clamp type)
50966A23020E	Power adapter, 72W, 110~230V _{AC} to 24V _{DC}

*Specifications and certifications are limited to optional.

Dimensions



Optional EOS Installation

Windows® XP Embedded
Windows® CE.NET

Optional OS Installation

Windows® 2000
Windows® XP
Linux Kernel 2.6

Medical Panel Computers

PANEL2000 Slim Client Panel Computers

VTA Series

GOT Fanless Touch Panel Computers

PANEL 1000/5000 Industrial Panel Computers

Industrial Workstations

PANEL6000 Industrial Flat Panel Monitors