GOT-3128T

12.1" SVGA TFT Fanless Touch Panel Computer w/ NEMA 4x Front Bezel

Features

Extended Temp.   Fanless   RoHS

▶ **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/802.11g) (optional)**
▶ **Super Slim design**
▶ **Over-voltage power protection-Fuse**
▶ **Supports various mounting ways: Panel, Desktop/VESA/Wall (optional)**

1. Power Switch	6. LAN (RJ-45)
2. Audio (Line-out)	7. USB V2.0
3. COM 1	8. PS/2 KeyBoard/Mouse
4. VGA	9. COM 2
5. LAN (RJ-45)	10. COM 3 (USB)

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 1GHz processor. In response to customer's requests for wireless applications, the GOT-3128T has a Mini PCI slot and a 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) support
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-MULV CPU and streamlined mechanical layout.

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

Specifications

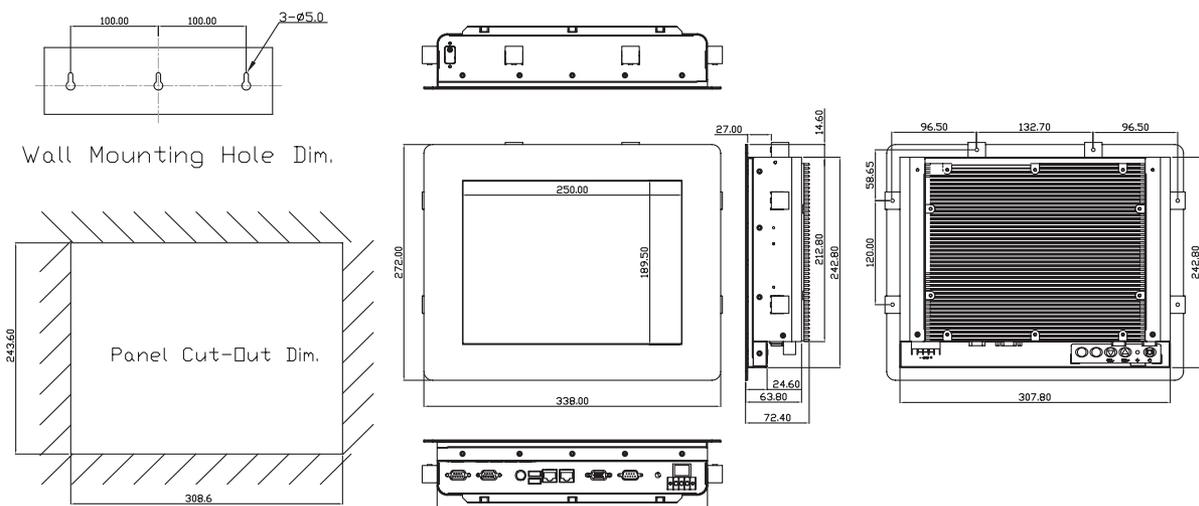|	
Front Bezel	IP65, NEMA 4X rugged protection, stainless front bezel
LCD Panel	12.1" SVGA TFT Brightness: 350 nits
Resolution	800 x 600
Main Board	EP810
CPU	ULV Intel® Celeron® M 1GHz/0k processor onboard

Chipset	Intel® 852GM+ICH4
BIOS	Award 4Mbit with RPL/PEX LAN boot ROM, SmartView and customer CMOS backup.
System Memory	1 x 200-pin DDR DIMM max. up to 1GB
Onboard Graphics	Integrated Intel® 852GM GMCH
Storage	CompactFlash™ or IDE interface 2.5 type
Watchdog Timer	1~255 seconds; 255 levels

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

I/O	D-sub 9-pin x 2 for RS-232
	D-sub 9-pin x 1 for RS-232/422/485
	P/S 2 x 1 for keyboard and mouse
	RJ-45 x 2 for LAN
	D-sub 15 pin x 1 (female) for VGA output
	Audio (Line-out)
	CompactFlash™ x 1 (IDE bus)
	USB2.0 connector x 2
	Mini PCI x 1
Touchscreen	Resistive type
Power Supply	DC 16~28V w/ fuse power protection
Dimensions	338mm(13.1")(W) x 72.4mm(2.83")(D)
	x 272mm(10.7")(H)
Weight	5.4 kg (12 lb)
Certification	CE
Environmental	Operation temperature: -20˚~55˚C (-4˚-131˚F)
	Relative humidity 10%~95% @ 40˚C,
	non-condensing
	Operation vibration:
	1.3G, 5~500Hz, random for 2.5"HDD
	2.0G, 5~500Hz, random for CompactFlash™ Card

Ordering Information

GOT-3128T-256	12.1" SVGA TFT fanless touch panel computer
	w/ resistive T/S, 256MB DDR, stainless front bezel
Wall/VESA kit (Pre-install)	Wall/VESA mount kit for GOT-3120
Desktop stand (Pre-install)	Desktop stand kit for GOT-3120
E202003329	VM-105(ARM) LA-35-RC (VESA ARM wall mount)
E202003330	VM-101(ARM) LA-31-RC (VESA ARM clamp type)
PS-DC24-50	110~230VAC to 24VDC, 2.3A 50W power supply

LCD

Display Type	Color TFT LCD
Display Size	12.1"
Max Colors	262,144 colors (6/8-bit for R,G,B)
Resolution	800 x 600
Pixel Pitch	0.3075 x 0.3075
Viewing Angle	130˚(H); 120˚(V)
Luminance	350 cd/m^2
Storage Temperature	-30˚~80˚C
Operating Temperature	-20˚~70˚C
Backlight	CCFL x 2
Contrast Ratio	350 : 1

Optional EOS Installation

Windows® XP Embedded
Windows® CE.NET

Optional OS Installation

Windows® 2000 and Windows® XP

Dimensions

Wall Mounting Hole Dim.

Panel Cut-Out Dim.