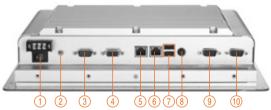
# GOT-3128T

12.1" SVGA TFT NEMA 4X Fanless Touch Panel Computer (-20° ~ +55°C)





- 1. Power switch
- 2. Audio (Line-out)
- 3. COM 1 (RS-232/422/485)
- 4. VGA
- 5. Ethernet
- 6. Ethernet
- 7. USB 2.0 x 2
- 8. PS/2 K/B+M/S
- 9. COM 2 (RS-232)
- 10. COM 3 (RS-232)

#### **Features**









- 12" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with ULV Intel® Celeron® M
  1.0 GHz processor
- NEMA 4X compliant stainless front bezel
- Supports wide temperature range, from -20° to +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° to +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 MiniPCI slot and a optional fixed rotational WLAN antenna for wireless network connection. By just plugging in the MiniPCI 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 from -20° to +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"

#### **Specifications**

Front Bezel	IP65, NEMA 4X rugged protection, stainless front bezel	
LCD Panel	Display Type	12.1" SVGA TFT LCD
	Brightness (cd/m <sup>2</sup>	450 nits
	Resolution	800 x 600
	View Angle (H/V)	130°/120°
Main System	CPU	ULV Intel® Celeron® M processor 1.0 GHz
	Chipset	Intel® 852GM+ICH4
	System	1 x 200pin DDR SODIMM max. up to
	Memory	1GB

Award 4Mbit with RPL/PEX LAN boot ROM, Smartview and customer CMOS backup.
1 x 2.5" IDE HDD 1 x CompactFlash™
255 levels, 0-255 sec.
Integrated Intel® 852GM GMCH

I/O Connector	2 x RS-232 (COM 2/3)
	1 x RS-232/422/485 (COM 1)
	1 x VGA
	1 x Audio (Line-out)
	1 x PS/2 keyboard/mouse
	2 x USB 2.0
	2 x 10/100Mbps Ethernet
Expansion Interface	1 x MiniPCI slot
Touchscreen	Resistive type
Power Supply	16~28V₀c, 36W, w/ fuse power protection
Dimensions	338mm (13.1") (W) x 72.4mm (2.83") (D)
	x 272mm (10.7") (H)
Weight (net/gross)	5.4 kg (12 lb)/7.45 kg (16.44 lb)
Environmental	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™
Certification	CE

## **Ordering Information**

GOT-3128T	12.1" SVGA TFT fanless touch panel computer	
	with resistive T/S, stainless front bezel	
82231200090E	Wall/VESA mount kit for GOT-3120T	
82231200080E	Desktop stand kit for GOT-3120T	
E989110036	VESA ARM wall mount type	
E989110035	VESA ARM clamp type	
E392203100	802.11 b/g wireless LAN kit	
50966A23020E	Power adapter, 72W, 110~230Vac to 24Vpc	

<sup>\*</sup>Specifications and certifications are limited to optional.

## **Optional EOS Installation**

Windows® XP Embedded Windows® CE.NET

# **Optional OS Installation**

Windows® 2000	
Windows® XP	
Linux Kernel 2.6	

Touch Panel Computers for Various Industry

Digital Signage and Display

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

### **Dimensions**

