

GOT-3128T

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



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

Specifications

Front Bezel	IP65, NEMA 4X rugged protection, stainless front bezel		BIOS	Award 4Mbit with RPL/PXE LAN boot ROM, Smartview and customer CMOS backup	
LCD Panel	Display Type	12.1" SVGA TFT LCD	Storage	1 x 2.5" IDE HDD	
	Brightness (cd/m ²)	450 nits		1 x CompactFlash™	
	Resolution	800 x 600		Watchdog	255 levels, 0-255 sec.
	View Angle (H/V)	140° / 110°		Timer	
Main System	CPU	ULV Intel® Celeron® M processor 1.0 GHz	Onboard	Integrated Intel® 852GM GMCH	
	Chipset	Intel® 852GM+ICH4	Graphics		
	System	1 x 200pin DDR SODIMM max. up to			
	Memory	1 GB			

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	16-28V _{DC} , 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 stainless front bezel
82231200090E	Wall/VESA mount kit for GOT-3128T
82231200080E	Desktop stand kit for GOT-3128T
E392203100	802.11 b/g wireless LAN kit
50966A23030E	Power adapter, 72W, 110-230V _{AC} to 24V _{DC}

*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

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Dimensions

