

# GOT-3120T/GOT-3120TL

12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer  
 12.1" SVGA TFT Cost-effective Fanless Touch Panel Computer



- |                     |                        |
|---------------------|------------------------|
| 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 (GOT-3120T); 600MHz/512k (GOT-3120TL)
- ▶ Supports wide temperature range of -20°~55°C (GOT-3120T)
- ▶ Slim design: thickness 69mm
- ▶ Anti-vibration up to 1.3G (HDD, random)
- ▶ Supports WLAN antenna (optional)
- ▶ Easy for expansion: 1 Mini PCI extension slot & 2 LAN port
- ▶ Over-current Protection-Fuse
- ▶ Supports various mounting ways: Panel, Desktop, VESA, Wall (optional)



Side view

## Introduction

GOT-3120T and GOT-3120TL are 12.1" fanless touch panel computers. By supporting a wide temperature range from -20°~55°C, the GOT-3120T is especially designed for harsh environments. In response to market demands, the GOT-3120TL is a cost effective product. The GOT-3120T adopts a modern, super sleek 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-3120T 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-3120T and GOT-3120TL is suitable for many applications including transportation, train, control platforms on ships, oil pipe monitoring systems, and environmental monitoring of steelworks.

### Wide-temperature (-20° ~55°C) supported (GOT-3120T)

The GOT-3120T adopts unique extended temperature technology, with a temperature range between -20°~ 55°C, with a fanless cooling system and compact design for harsh environments.

### Super slim design: 69mm

The GOT-3120T and GOT-3120TL 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 a streamlined mechanical layout.

### WLAN antenna supported (optional)

The GOT-3120T and GOT-3120TL provides a Mini PCI slot and an optional fixed rotational WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT-3120T in a wireless environment.

### Anti-vibration up to 1.3G

With a special vibration-resistant design patent, GOT-3120T and GOT-3120TL can work well under 1.3G (5~500Hz) in operation mode, and equipped with a 2.5" HDD.

## Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum 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 (GOT-3120T)
	ULV Intel® Celeron® M processor 600 MHz/512K (GOT-3120TL)

Chipset	Intel® 852GM+ICH4
System Memory	1 x 200pin DDR DIMM 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 type 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 <sub>dc</sub> fuse power protection
Dimension	332mm (13") (W) x 69.5mm (2.7") (D) x 267mm (10.5") (H)
Weight	5.4kg (12 lb)
Certification	CE
Environment	Operation temperature: -20°~55°C (-4°~131°F) (GOT-3120T) 0°~50°C (32°~122°F) (GOT-3120TL) 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™

## Ordering Information

GOT-3120T	12.1" SVGA TFT fanless touch panel computer with extended temp., resistive T/S, Intel® Celeron® M 1 G/0K
GOT-3120TL	12.1" SVGA TFT cost-effective fanless touch panel computer with resistive T/S, Intel® Celeron® M 600 MHz/512K
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	Adaptor 24VDC 72W

## 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

## Dimensions

