

# GOT-3120T

12.1" SVGA TFT Fanless Touch Panel Computer w/ Extended Temp. (-20 ~ 50 °C)

*New*



- |                     |                        |
|---------------------|------------------------|
| 1. Power Switch     | 6. 10/100 Base-T       |
| 2. Audio (Line-out) | 7. USB V2.0            |
| 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\*600) color TFT LCD display
- ▶ Fanless cooling system and Intel® Celeron® M ULV up to 800MHz
- ▶ Supports wide temperature range of -20~50°C
- ▶ Slim design: thickness 69mm
- ▶ Anti-vibration up to 1.3G (HDD, random)
- ▶ Supports WLAN antenna (IEEE 802.11b/802.11g)
- ▶ Easy for expansion: 1 mini PCI extension slot & 2 LAN port
- ▶ Over-voltage Protection-Fuse
- ▶ Supports various mounting ways: Desktop / Panel/ VESA/ Wall (option)



## Introduction

The GOT-3120T is a 12.1" fanless touch panel computer. By supporting a wide temperature range, from -20° to 50° C, the GOT-3120T is especially designed for harsh environments. The GOT-3120T adopts a modern, super sleek fanless design, is equipped with a 12.1" TFT LCD, and low power consumption Celeron® M ULV 800MHz CPU. In response to customer's requests for wireless applications, the GOT-3120T has a Mini PCI slot and a built-in 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 is suitable for many applications including transportation, train, control platforms on ships, oil pipe monitoring systems, and environmental monitoring of steelworks.

### Wide-temperature (-20° ~50° C) support

The GOT-3120T adopts unique extended temperature technology, with a temperature range between -20° ~ +50° with a fanless cooling system and compact design for harsh environments.

### Super slim design- 69mm

The GOT-3120T 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 a streamlined mechanical layout.

### WLAN antenna support

The GOT-3120T provides a Mini PCI slot and a built-in 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 pattern, the GOT-3120T 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, Alumium front bezel
LCD Panel	12.1" SVGA TFT Brightness: 350 nits
Resolution	800 x 600
Main Board	EP810
CPU	Intel® Celeron® M ULV 800MHz/0k onboard
Chipset	Intel® 852GM + ICH*4

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

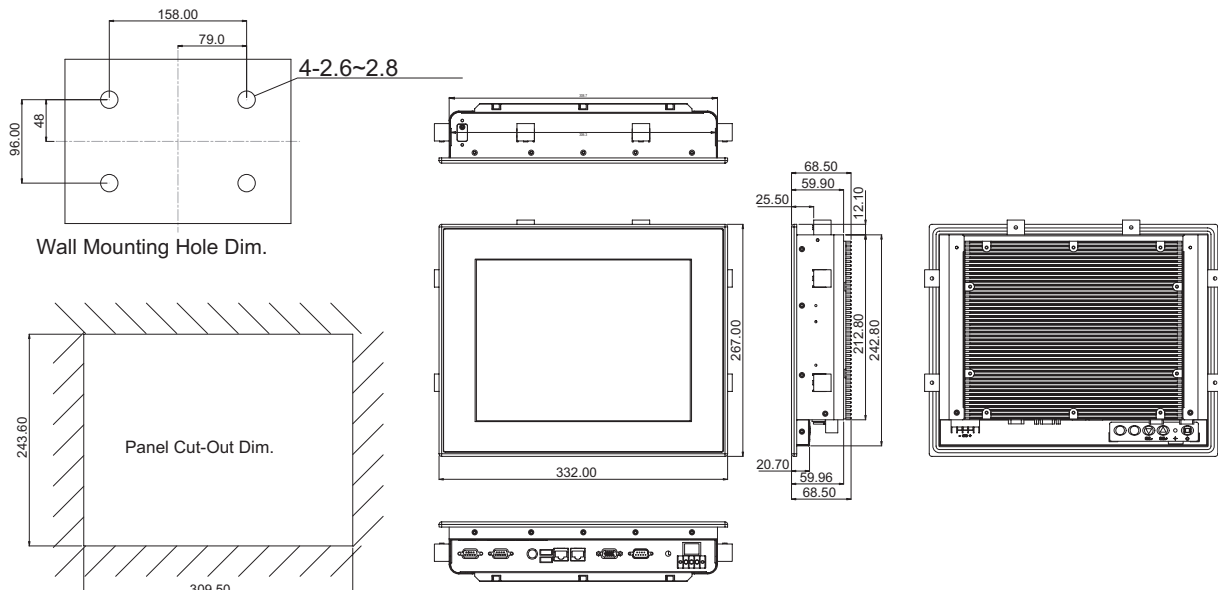
I/O	D-sub 9-pin x 2 for RS-232 D-sub 9-pin x 1 for RS-232/485 P/S 2 x 1 for keyboard and mouse RJ-45 x 2 for LAN D-sub 15 pin x 1 (female) for VGA output Audio (Line-out) CompactFlash™ x 1 (IDE bus) USB2.0 connector x 2 Mini PCI x 1
Touchscreen	Resistive type
Power Supply	DC 24V w/ fuse power protection
Dimensions	13" (332mm)(W) x 2.7" (68.5mm)(D) x 10.5" (267mm)(H)
Certification	CE
Environmental	Operation temperature: -20°~50°C (-4°F~122°) Relative humidity 10%~95% @ 40°, non-condensing Operation vibration: 1.3G, 5~500Hz, random for 2.5"HDD 2.0G, 5~500Hz, random for CompactFlash™ Card

## Ordering Information

GOT-3120T-256	12.1" SVGA TFT Fanless Touch Panel Computer w/ resistive T/S, 256MB DDR
Wall/VESA kit (Pre-install)	Wall/VESA mount kit for GOT-3120T
Desktop stand (Pre-install)	Desktop stand kit for GOT-3120T



## Dimensions



## 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 <sup>2</sup>
Storage temperature	-20°~80°C
Operating temperature	-20°~70°C
Backlight	CCFL x 2
Contrast ratio	350 : 1

## Optional EOS Installation

Windows® XP embedded
Windows® CE.NET w/ Framework 1.1
Linux 2.4.2

## Optional OS Installation

MS DOS
Windows® 98/SE
Windows® NT4.0
Windows® 2000 and Windows® XP

Medical Panel Computers

PANEL2000 Slim Client Panel Computers

GOT Fanless Touch Panel Computers

PANEL1000/5000 Industrial Panel Computers

Industrial Workstations

PANEL6000 Industrial Flat Panel Monitors