

GOT-3100T

10.4" SVGA TFT Fanless Touch Panel Computer w/ High Brightness LCD

New



Features

- ▶ 10.4" SVGA (800 x 600) color TFT LCD
- ▶ Fanless cooling system and Intel® Celeron® M ULV CPU up to 800MHz
- ▶ Supports high brightness LCD's up to 500nits
- ▶ Anti-vibration up to 1.3G (HDD, random)
- ▶ Supports WLAN antenna (IEEE 802.11b/802.11g)
- ▶ Super Slim design
- ▶ Over-voltage power protection-Fuse
- ▶ Supports various mounting ways: Desktop / Panel/ VESA/ Wall (optional)

Introduction

The GOT-3100T is a 10.4" fanless touch panel computer. With a high brightness (500 nits) LCD, the GOT-3100T is especially designed for outdoor environments. This fanless touch panel computer features a modern sleek design and is equipped with a 10.4" TFT LCD and low power consumption Celeron® M ULV 800MHz CPU. In response to customer's requests for wireless applications, the GOT-3100T 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-3100T is used extensively for a variety of industry needs including Transportation, Parking field surveillance, building automation, and more.

High brightness (500 nits) LCD support

The GOT-3100T adopts a high brightness LCD and is equipped with an onboard Celeron® M ULV 800MHz CPU. With this set-up, the GOT-3100T supports not only high-performance, but is also sunlight readable under real skies outdoor, in parking lots, and more.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, Aluminum front bezel
LCD Panel	10.4" SVGA TFT Brightness:500 nits
Resolution	800 x 600
Main Board	SBC84810
CPU	Intel® Celeron® M ULV 800MHz/0k onboard
Chipset	Intel® 852GM + ICH*4

Super slim design

The GOT-3100T 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 supported

The GOT-3100T 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-3100T in a wireless environment.

Anti-vibration up to 1.3G

With a special vibration-resistant design pattern, the GOT-3100T can work well under 1.3G (5-500Hz) in operation mode, and equipped with a 2.5" HDD.

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 1 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	TBD
Certification	CE
Environmental	Operation temperature: 0~50°C (32F-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-3100T-256	10.4" SVGA TFT Fanless Touch Panel Computer w/ resistive T/S, 256MB DDR
Wall/VESA kit (Pre-install)	Wall/VESA mount kit for GOT-3100T
Desktop stand (Pre-install)	Desktop stand kit for GOT-3100T



LCD

Display type	Color TFT LCD
Display size	10.4"
Max colors	262,144 colors (6/8-bit for R,G,B)
Resolution	800 x 600
Pixel pitch	0.264 x 0.264
Viewing angle	130°(H); 120°(V)
Luminance	500 cd/m ²
Storage temperature	-20°~60°C
Operating temperature	0°~50°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