

GOT-3846T-823 / GOT-3846TL-830

8.4" SVGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ Processor (-20°C ~ +65°C)

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor (-10°C ~ +55°C)



Features



Fanless

Low Power

DualView

Extended Temperature

- 8.4" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with Intel® Atom™ Z510PT 1.1 GHz (GOT-3846T); Intel® Atom™ N270 1.6 GHz (GOT-3846TL)
- Supports Dual LAN & WLAN antenna
- Compact design for space-limited application
- Supports anti-vibration up to 2G (CF, random)
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)

Introduction

GOT-3846T/TL is the 8.4" fanless touch panel computer. By supporting a wide temperature range from -20°C to +65°C, the GOT-3846T is especially designed for harsh environments. With the compact design, the GOT-3846T/TL is ideal for space-limited environments, such as industrial machinery and transportations. In response to the growing demand for WLAN application, the GOT-3840T/TL also supports optional WLAN antenna for wireless network connection. The GOT-3840T/TL can be used extensively for various applications including industrial machinery, processing status monitoring, and more.

Wide-temperature (-20°C ~ +65°C) supported (GOT-3846T)

The GOT-3846T adopts unique extended temperature technology, with a temperature range from -20°C to +65°C, with a fanless cooling system and compact design for harsh environments.

WLAN antenna supported (optional)

The GOT-3846T/TL provides a Mini card slot and an optional fixed rotational WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the unit in a wireless environment.

Compact design for space-limited application

The GOT-3846T/TL is specially designed for space-limited applications including industrial machinery and transportation. This fanless touch computer is designed around the concept of small cutout dimension. Moreover, the GOT-3846T/TL adopts sleek appearance and streamlined mechanical layout.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel		System Memory	1 x 200-pin DDR2 533 SO-DIMM max. up to 2 GB
LCD Panel	Display Type	8.4" SVGA TFT LCD	BIOS	Award 4Mbit with RPL/PXE LAN boot ROM, Smartview and customer CMOS backup (GOT-3846T) AMI 8 Mbit with RPL/PXE LAN boot Rom (GOT-3846TL)
	Brightness (cd/m ²)	450 nits (GOT-3846T) 250 nits (GOT-3846TL)		
	Resolution	800 x 600		
	Viewing Angle (H/V)	160° / 140°		
Main System	CPU	Intel® Atom™ processor Z510PT 1.1 GHz (GOT-3846T) Intel® Atom™ processor N270 1.6 GHz (GOT-3846TL)	Storage	1 x CompactFlash™
	Chipset	Intel® system control hub US15W PT (GOT-3846T) Intel® 945GSE + ICH7M (GOT-3846TL)	Watchdog Timer	255 levels, 0-255 sec.
			Onboard Graphics	Intel® GMA 500 (GOT-3846T) Integrated Intel® 945 GSE (GOT-3846TL)

I/O Connector	2 x RS-232 1 x RS-232/422/485 1 x VGA 1 x Audio (Line-out) 1 x PS/2 keyboard/mouse (GOT-3846T) 4 x USB 2.0 (GOT-3846T); 2 x USB 2.0 (GOT-3846TL) 1 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCIe Mini Card
Touchscreen	Resistive type
Power Supply	12/24V _{DC} , 30W, w/ fuse power protection
Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temperature: -20°C ~ +65°C (-4° ~ 149°F) (GOT-3846T) (with W.T. DRAM/CF) -10°C ~ +55°C (GOT-3846TL) Relative humidity: 10% ~ 95% @ 40°C; non-condensing Operation vibration: 2.0G, 5 ~ 500Hz, random for CompactFlash™
Certification	CE

* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

GOT-3846T	8.4" SVGA TFT fanless touch panel computer with extend temp. (-20°C~ +65°C)
GOT-3846TL	8.4" SVGA TFT fanless touch panel computer (-10°C~ +55°C)
Wall/VESA kit	Wall/VESA kit for GOT-3846T/TL
Desktop stand	Desktop stand kid for GOT-3846T/TL
50966A23040E	Power adapter, 70W, 110-230V _{AC} to 24V _{DC}
Wireless kit	802.11 b/g wireless LAN kit

* Specification and certifications are based on options and may vary.

Optional EOS Installation

Windows® XP Embedded
Windows® CE.NET

Optional OS Installation

Windows® XP

Overview

Digital Signage Solutions

Healthcare & Medical Solutions
> Medical Panel Computers

Healthcare & Medical Solutions
> Medical Grade Monitors

Fanless & Heavy-duty Touch Panel Computers

Touch Panel Computers for Infotainment

Industrial Touch Panel Computers & Monitors
> Industrial Touch Panel Computers

Industrial Touch Panel Computers & Monitors
> Industrial Touch Panel Monitors

Open Frame Panel Computers

Accessories