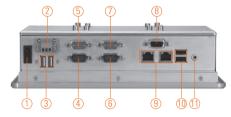
# GOT3846T-832

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor (-20°C +55°C)





- 1. Power switch
- 2. DC power input
- 3. USB 2.0 x 2
- 4. COM 1 (RS-232/422/485)
- 5. COM 3 (RS-232)
- 6. COM 2 (RS-232)
- 7. COM 4 (RS-232)
- 8. VGA
- 9. Fthernet x 2
- 10. USB 2.0 x 2
- 11. Audio (Line-out)

## Features

- 8.4" SVGA (800 x 600) color TFT LCD display
- Fanless design with Intel® Atom™ processor N2600 1.6 GHz
- Supports wide temperature range of -20°C ~ +55°C
- Aluminum front bezel & chassis
- Supports WLAN module & external antenna
- Supports 2 Gigabit LAN, 4 USB 2.0 & 4 COM ports
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)





▲ Rear view

















#### Introduction

The GOT3846T-832 adopts an 8.4-inch SVGA 450 nits TFT LCD and supports Intel® Atom™ processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The rugged 8.4" industrial panel PC supports low power Intel® AtomTM processor N2600. The fanless HMI can work under 1.0 G (10 ~ 500Hz, random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides one PCle mini card slot for 3G, wireless network connectivity. The 8.4" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-20°C to +55°C)

The Intel® AtomTM-based GOT3846T-832 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

The 8.4" SVGA high brightness IP65 industrial panel PC, GOT3846T-832, provides one PCle mini card slot and WLAN/3G antennas for wireless network connectivity.

#### **Specifications**

Front Bezel	IP65, NEMA 4 rugge	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	8.4" SVGA TFT LCD	
	Brightness (cd/m²)	450 nits	
	Resolution	800 x 600	
Main System	CPU	Intel® Atom™ processor N2600 2C @1.6 GHz	
	Chipset	Intel® NM10 Express	
	System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM max. up to 2 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™ (optional)	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated Intel® GFX	

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## **Specifications**

I/O Connector	3 x RS-232 (COM 2/3/4)	
	1 x RS-232/422/485 (COM 1)	
	1 x VGA	
	1 x Audio (Line-out)	
	4 x USB 2.0	
	2 x 10/100/1000Mbps Ethernet	
Expansion Interface	1 x PCle Mini Card	
Touchscreen	Resistive type	
Power Supply	10~30VDC with power protection	
Dimensions	248 mm (9.76") (W) x 58.3 mm (2.29") (D) x 183 mm (7.2") (H)	
Packing Dimensions	390 mm (15.35") (W) x 190 mm (7.48") (D) x 430 mm (16.92") (H)	
Weight (net/gross)	3.4 kg (7.49 lb)/5.8 kg (12.78 lb)	
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F)	
	(with W.T. DRAM/HDD/CF)	
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)	
	Relative humidity: 10% ~ 95% @ 40°C; non-condensing	
	Operation vibration:	
	1G, 5 ~ 500Hz, random for 2.5" HDD	
	2G, 5 ~ 500Hz, random for CompactFlash™	
Certificate	CE	

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## **Ordering Information**

G0T3846T-832	8.4" SVGA TFT fanless touch panel computer with Intel®
	Atom™ N2600 1.6 GHz dual core processor, resistive touch
	screen and 10~30VDC terminal block connector

<sup>\*</sup> Specification and certifications are based on options and may vary.

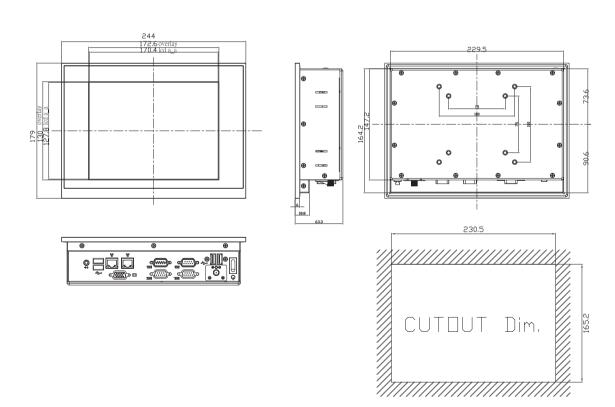
#### **Optional EOS Installation**

WES	
Windows® Embedded Standard 7 (32-bit)	

## **Optional OS Installation**

Windows® XP	
Windows® 7 (32-bit)	

#### **Dimensions**



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Overview

Fanless Touch Panel

Computers

Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Solutions

Open Frame Panel

Accessories