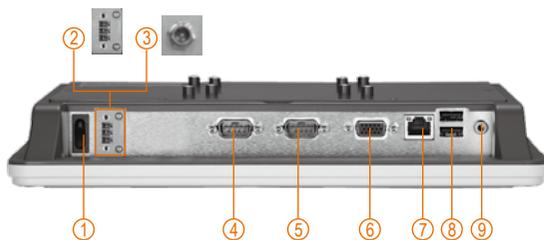# GOT-5840T-830

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N270

1. Power switch (ATX)
2. Terminal block for DC power input
or 3. Screw conn. w/ AC power adapter
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232)

6. VGA
7. Ethernet
8. USB 2.0 x 2
9. Audio (Line-out)

Features

- 8.4" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with Intel® Atom™ processor N270 1.6 GHz
- Ultra Slim design: thickness 45mm
- Super light weight: 1.3 kg
- Easy for expansion: Mini card
- Supports various mounting ways: panel/wall/VESA /stand (optional)
- RFID (optional)
- Over-current protection fuse

Side view

Desktop stand

Introduction

The GOT-5840T-830 is a 8.4" Intel® Atom™-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 8.4" TFT LCD as well as Intel® Atom™ processor N270 1.6 GHz. For wireless network connection, the GOT-5840T-830 offers a mini card slot. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/3G environments. Besides, it provides two types of power input. One is DC power input (10~30VDC) with terminal block connector. The other is AC power adapter with screw type connector.

Super slim & ultra light design
The GOT-5840T-830 is a super slim touch panel computer for space-limited environment with its thickness of 45mm and weight of 1.3 kg only, which make it

installed everywhere.

Built-in internal WLAN antenna
The GOT-5840T-830 provides a mini card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT-5840T-830 in a wireless LAN/GPRS/GSM/3G environments.

Excellent thermo solution: aluminum back chassis
With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT-5840T-830 can dissipate the heat easily and keep the system operation stable.
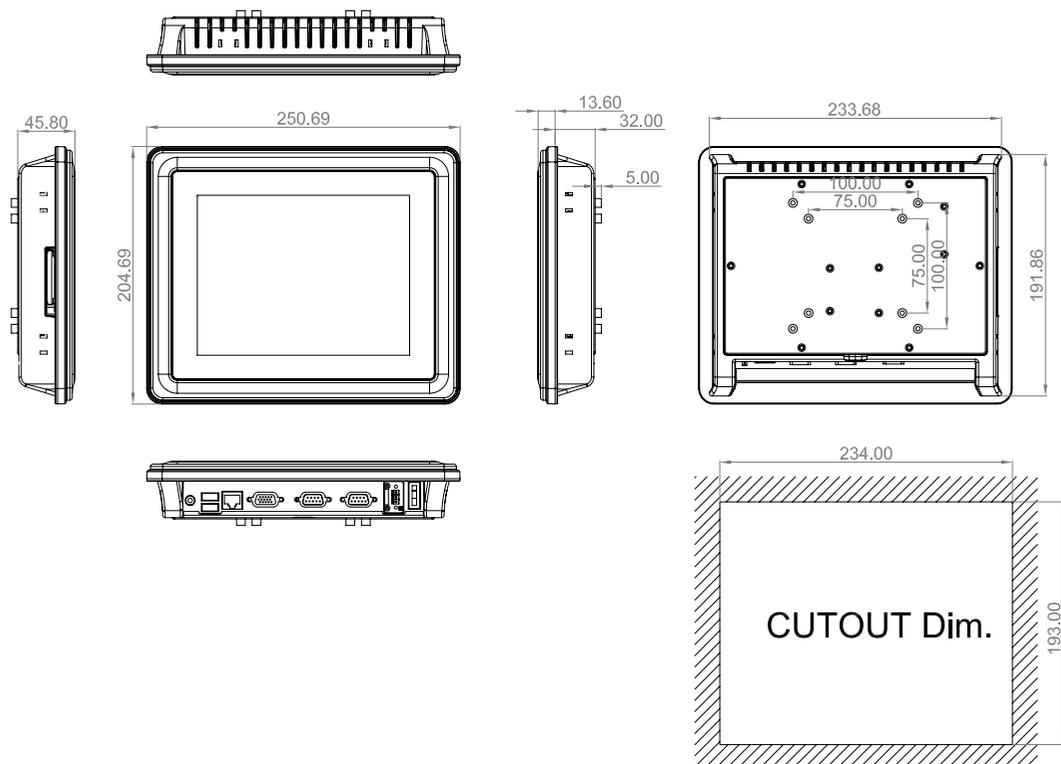
Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel			System Memory	1 x DDR2 SODIMM max. up to 2 GB
LCD Panel	Display Type	8.4" SVGA TFT LCD		BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM
	Brightness (cd/m^2)	250 nits		Storage	1 x CompactFlash™
	Resolution	800 x 600		Watchdog Timer	255 levels, 0~255 sec.
	Viewing Angel (H/V)	160°/140°			
Main System	CPU	Intel® Atom™ processor N270 1.6 GHz		Onboard Graphics	Integrated in Intel® 945GSE
	Chipset	Intel® 945GSE+ICH7M			

I/O Connector	1 x RS-232 (COM 2)
	1 x RS-232/422/485 (COM 1)
	2 x USB2.0
	1 x 10/100/1000Mbps Ethernet
	1 x Audio (Line-out)
	1 x VGA
Expansion Interface	1 x Mini card
Touchscreen	Resistive type
Power Input	1. DC version: 10~30VDC with over-current protection fuse
	2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	250.7mm (9.87") (W) x 45.8mm (1.80") (D)
	x 204.7mm (8.06") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/2.25 kg (4.96 lb)
Environmental	Operation temperature:
	0˚C ~ +50˚C (32˚F ~ 122˚F)
	(with W.T. DRAM/HDD in airflow condition)
	0˚C ~ +45˚C (32˚F ~ 113˚F) (with W.T. DRAM)
	Relative humidity:
	10% ~ 95% @ 40˚C; non-condensing
	Operation vibration:
	2G, 5~500Hz, random for CompactFlash™
Certification	CE-EMC Class A: GOT-5840T-830
	CE-EMC Class B: GOT-5840T-830-J

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

Dimensions

Ordering Information

GOT-5840T-830	8.4" Intel® Atom™ N270 fanless touch panel computer with terminal block connector
GOT-5840T-830-J	8.4" Intel® Atom™ N270 fanless touch panel computer with screw type connector & AC-DC 60W power adapter
E225840102	Desktop stand
Wireless kit	802.11 b/g wireless LAN kit

*Specifications and certifications are limited to optional.

Optional EOS Installation

Windows® CE.NET
Windows® XP Embedded

Optional OS Installation

Windows® XP

AC power adapter
(for GOT-5840T-830-J)

45.80 250.69 204.69 13.60 32.00 5.00 233.68 191.86 100.00 75.00 75.00 100.00

234.00 193.00 CUTOUT Dim.