GOT-5120T-830

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

Features

Fanless LOW POWER DualView

- 12.1" SVGA (800 x 600) color TFT LCD display with LED backlight
- Fanless cooling system with Intel® Atom™ processor N270 1.6 GHz
- Ultra slim design: thickness 52mm
- Super light weight: 2.4 kg
- Easy for expansion: Mini card
- Supports various mounting ways: panel/wall/VESA /stand (optional)
- RFID (optional)
- Over-current protection fuse
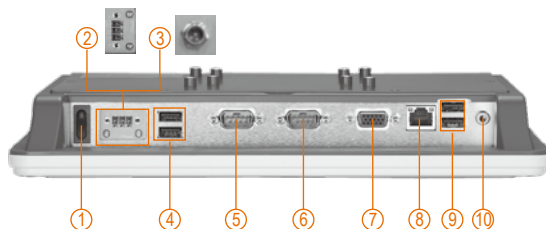
1. Power switch (ATX)
2. Terminal block for DC power input
or 3. Screw conn. w/ AC power adapter
4. USB 2.0 x 2
5. COM 1 (RS-232/422/485)

6. COM 2 (RS-232)
7. VGA
8. Ethernet
9. USB 2.0 x 2
10. Audio (Line-out)

Side view

Desktop stand

Introduction

The GOT-5120T-830 is a 12.1" 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 12.1" TFT LCD as well as Intel® Atom™ processor N270 1.6 GHz. For wireless network connection, the GOT-5120T-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-5120T-830 is a super slim touch panel computer for space-limited environment with its thickness of 52mm and weight of 2.4 kg only, which make it installed everywhere.

Built-in internal WLAN antenna
The GOT-5120T-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-5120T-830 in a wireless LAN/GPRS/ GSM/3G environments.

Excellent thermal solution: aluminum back chassis
With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT-5120T-830 can dissipate the heat easily and keep the system operation stable.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	12.1" SVGA TFT LCD with LED backlight
	Brightness (cd/m²)	450 nits
	Resolution	800 x 600
	Viewing Angel (H/V)	160°/140°
Main System	CPU	Intel® Atom™ processor N270 1.6 GHz
	Chipset	Intel® 945GSE+ICH7M

System Memory	1 x DDR2 SODIMM max. up to 2 GB
BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
Watchdog Timer	255 levels, 0~255 sec.
Onboard Graphics	Integrated in Intel® 945GSE

* All specifications and photos are subject to change without notice.

I/O Connector	1 x RS-232 (COM 2)
	1 x RS-232/422/485 (COM 1)
	1 x VGA
	1 x Audio (Line-out)
	4 x USB 2.0
	1 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x Mini card slot
Touchscreen	Resistive type
Power Input	1. DC version: 10–30VDC with fuse over-current protection fuse
	2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	327.5mm (12.9") (W) x 52.5mm (2.07") (D) x 261.8mm (10.3") (H)
Weight (net/gross)	2.48 kg (5.46 lb)/3.84 kg (8.46 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/HDD) Relative humidity: 10% ~ 95% @ 40˚; non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for CompactFlash™
Certification	CE-EMC class A (GOT-5120T-830) CE-EMC class B (GOT-5120T-830-J)

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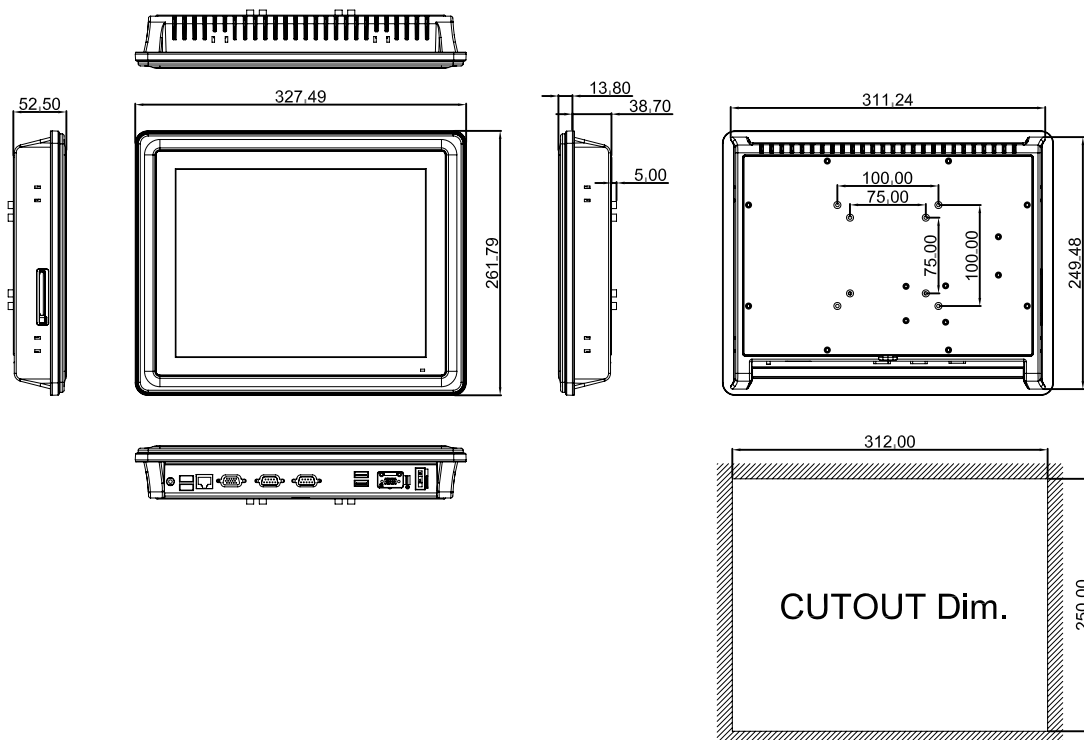
Ordering Information

GOT-5120T-830	12.1" Intel® Atom™ N270 fanless touch panel computer with terminal block connector
GOT-5120T-830-J	12.1" 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® XP Embedded
Windows® CE.NET

Optional OS Installation

Windows® XP

AC power adapter
(for GOT-5120T-830-J)

Dimensions