GOT-5120T-830

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

Features

- **12.1" SVGA (800 x 600) color TFT LCD display**
- **Fanless cooling system with Intel® Atom™ N270 1.6 GHz processor onboard**
- **Ultra slim design: thickness 51mm**
- **Super light weight: 2.2 kg**
- **Easy for expansion: 1 mini card**
- **Supports various mounting ways: Panel/Wall/VESA (optional)**
- **Over-voltage protection-fuse**
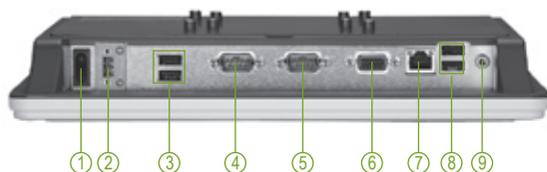
1. Power switch (ATX)
2. 10~30VDC power
3. USB 2.0 x 2
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232)
6. VGA
7. Ethernet
8. USB 2.0 x 2
9. Audio (Line-out)

Side view

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™ N270 1.6 GHz processor. 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.

Super slim & ultra light design
The GOT-5120T-830 is a super slim touch panel computer for space-limited environment with its thickness of 51mm and weight of 2.2 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.
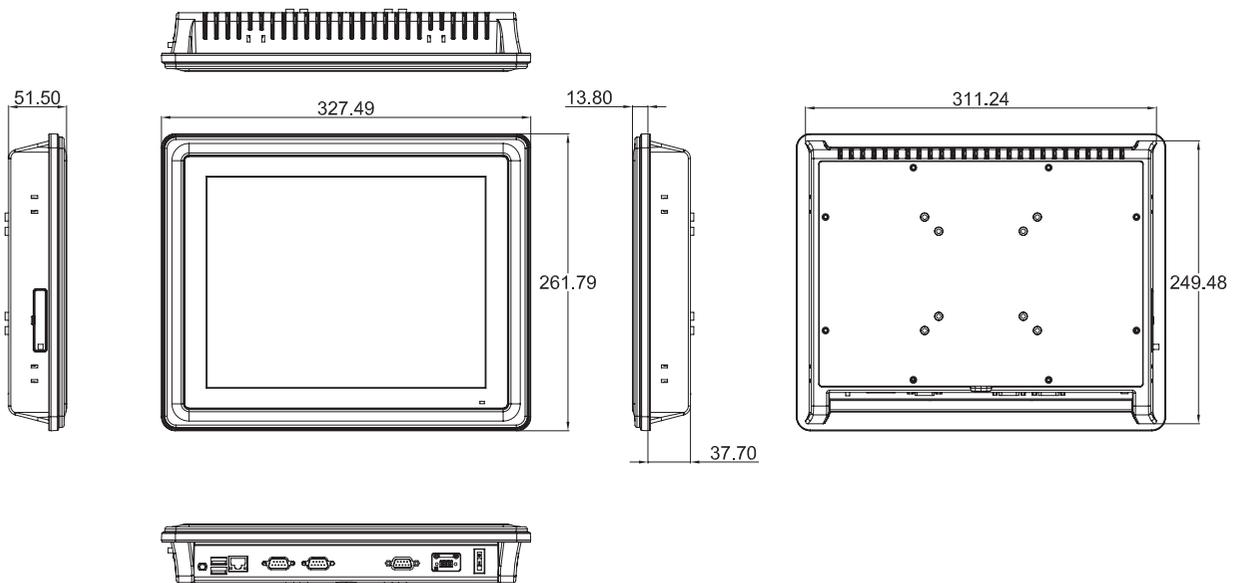
Specifications

Front Bezel		IP65, NEMA 4 rugged protection, plastic front bezel
LCD Panel	Display Type	12.1" SVGA TFT LCD
	Brightness (cd/m^2)	370 nits
	Resolution	800 x 600
	Viewing Angel (H/V)	120˚/100˚
Main System	Main Board	SBC87830
	CPU	Intel® Atom™ N270 1.6 GHz onboard
	Chipset	Intel® 945GSE

	System Memory	1 x DDR2 SODIMM max. up to 2GB
	BIOS	Award 4Mbit with RPL/PEX LAN boot ROM, Smartview and customer CMOS backup
	Storage	1 x 2.5" SATA HDD (optional) 1 x CompactFlash™
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® 945GSE

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 Supply	10~30V$_{DC}$, w/ fuse over-current protection
Dimensions	327.5mm (12.9") (W) x 51.5mm (2.03") (D) x 262mm (10.3") (H)
Weight (net/gross)	2.24 kg (4.93 lb)/3.67 kg (8.09 lb)
Environmental	Operation temperature: 0˚~45˚C (32˚F~113˚F) Relative humidity: 10%~95% @40˚; non-condensing Operation vibration: 2G, 5~500Hz, random for CompactFlash™
Certification	CE

Ordering information

GOT-5120T-830	12.1" Intel® Atom™ fanless touch panel computer
50966A23020E	Power adapter, 72W, 110~230VAC to 24VDC
E225840102	Desktop stand

*Specifications and certifications are limited to optional.

Optional EOS Installation

Windows® XP Embedded
Windows® CE.NET

Optional OS Installation

Windows® XP

Desktop stand

Dimensions

51.50

327.49

13.80

311.24

261.79

249.48

37.70