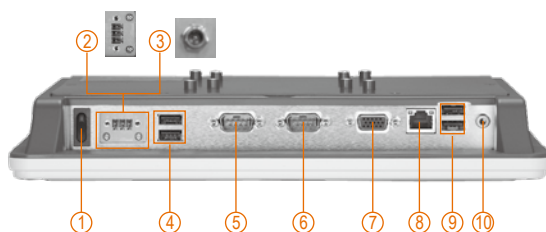


# GOT-5120T-830

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



- |                                       |                      |
|---------------------------------------|----------------------|
| 1. Power switch (ATX)                 | 6. COM 2 (RS-232)    |
| 2. Terminal block for DC power input  | 7. VGA               |
| or 3. Screw conn. w/ AC power adapter | 8. Ethernet          |
| 4. USB 2.0 x 2                        | 9. USB 2.0 x 2       |
| 5. COM 1 (RS-232/422/485)             | 10. Audio (Line-out) |

## Features



- 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



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

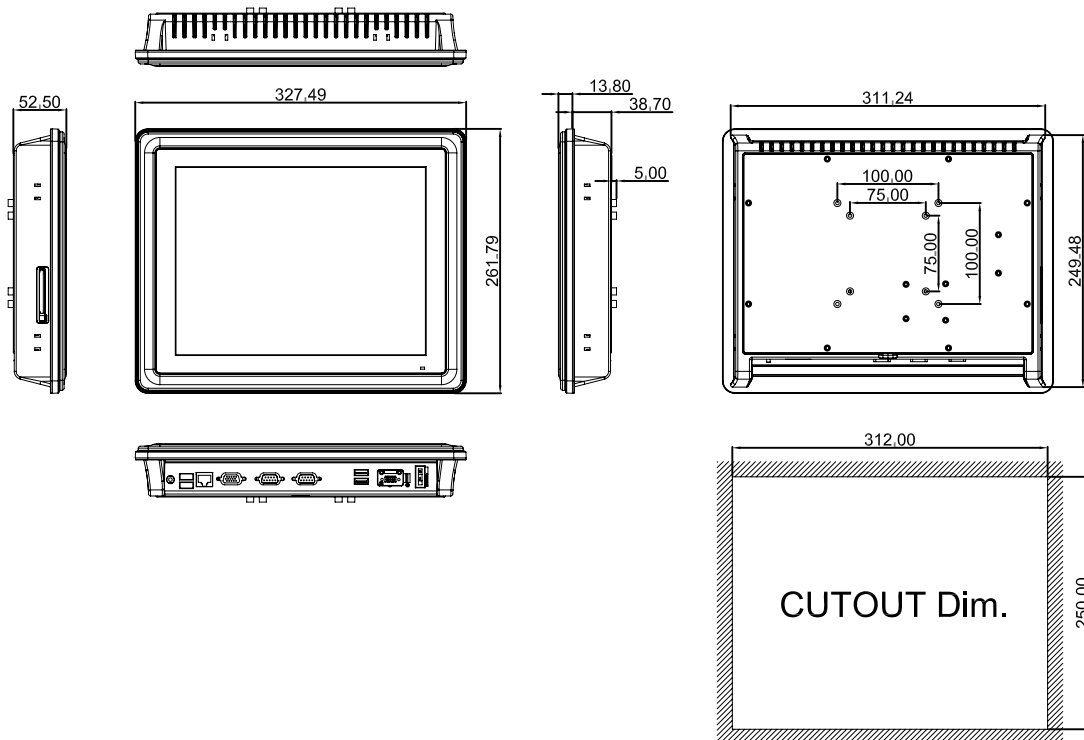
Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	12.1" SVGA TFT LCD with LED backlight
	Brightness (cd/m <sup>2</sup> )	450 nits
	Resolution	800 x 600
	Viewing Angel (H/V)	160° / 140°
Main System	CPU	Intel® Atom™ processor N270 1.6 GHz
	Chipset	Intel® 945GSE+ICH7M

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

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.

### Dimensions



### 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
E989110035	VESA ARM clamp type
E989110036	VESA ARM wall mount type
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)

Touch Panel Computers for Various Industry Applications

Digital Signage and Display Solutions

Medical Panel Computers

Medical Grade Monitors

GOT Fanless Touch Panel Computers

Touch Panel Computers for Infotainment

Touch Panel Computers for Automation

Touch Panel Monitors for Automation