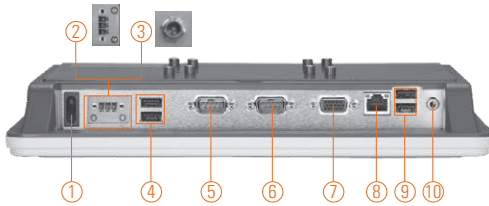


# GOT-5120T-830

12.1" XGA/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<br>or 3. Screw conn. w/ AC power adapter | 7. VGA               |
| 4. USB 2.0 x 2  | 8. Ethernet          |
| 5. COM 1 (RS-232/422/485)   | 9. USB 2.0 x 2       |
|   | 10. Audio (Line-out) |



Fanless Low Power DualView

## 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.

## Features

- 12.1" XGA/SVGA 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 panel mount, wall mount, VESA arm, desktop stand (optional)
- RFID (optional)
- Over-current protection fuse



▲ Side view



▲ Desktop stand

## Specifications

|             |   |   |
|-------------|---|---|
| Front Bezel | IP65, NEMA 4 rugged protection, plastic front bezel |   |
| LCD Panel   | Display Type  | 12.1" XGA/SVGA TFT LCD with LED backlight   |
|             | Brightness (cd/m <sup>2</sup> )                     | 500 nits (XGA)<br>450 nits (SVGA)           |
|             | Resolution  | 1024 x 768 (XGA)<br>800 x 600 (SVGA)        |
|             | Viewing Angel (H/V)                                 | 160°/140°                                   |
| Main System | CPU   | Intel® Atom™ processor N270<br>1.6 GHz      |
|             | Chipset   | Intel® 945GSE + ICH7M                       |
|             | System Memory                                       | 1 x 200-pin DDR2 SO-DIMM max.<br>up to 2 GB |
|             | BIOS  | AMI 8 Mbit with RPL/PXE LAN boot ROM        |
|             | Storage   | 1 x 2.5" SATA HDD<br>1 x CompactFlash™      |
|             | Watchdog Timer                                      | 255 levels, 0~255 sec.                      |
|             | Onboard Graphics                                    | Integrated in Intel® 945GSE                 |

## Specifications

|                     |   |
|---------------------|---|
| I/O Connector       | 1 x RS-232 (COM 2)<br>1 x RS-232/422/485 (COM 1)<br>1 x VGA<br>1 x Audio (Line-out)<br>4 x USB 2.0<br>1 x 10/100/1000Mbps Ethernet  |
| Expansion Interface | 1 x PCIe Mini Card slot   |
| Touchscreen         | Resistive type  |
| Power Input         | 1. DC version: 10~30VDC with fuse over-current protection fuse<br>2. AC version: 100-240V AC-DC 60W power adapter   |
| Dimensions          | 327.5 mm (12.9") (W) x 52.5 mm (2.07") (D)<br>x 261.8 mm (10.3") (H)  |
| Packing Dimensions  | 455 mm (17.91") (W) x 105 mm (4.13") (D)<br>x 340 mm (13.39") (H)   |
| Weight (net/gross)  | 2.48 kg (5.46 lb)/3.84 kg (8.46 lb)   |
| Environment         | Operating temperature:<br>0° ~ +50°C (32°F ~ 122°F) (with W.T. DRAM/HDD in airflow condition)<br>0° ~ +45°C (32°F ~ 113°F) (with W.T. DRAM/HDD)<br>Storage Temperature:<br>-30°C ~ +80°C (-22°F ~ +176°F)<br>Relative humidity:<br>10% ~ 95% @ 40 ; non-condensing<br>Operation vibration:<br>2G, 5 ~ 500Hz, random for CompactFlash™ |
| Certification       | CE-EMC class A (GOT-5120T-830)<br>CE-EMC class B, UL60950-1 (GOT-5120T-830-J)   |

\* Specification and certifications are based on options and may vary.

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

## Ordering Information

|                     |   |
|---------------------|---|
| GOT-5120T-830       | 12.1" SVGA Intel® Atom™ N270 fanless touch panel  |
| GOT-5120T-830-J     | 12.1" SVGA Intel® Atom™ N270 fanless touch panel computer with screw type connector & AC-DC 60W power adapter |
| GOT-5120T-830-XGA   | 12.1" XGA Intel® Atom™ N270 fanless touch panel computer with terminal block connector                        |
| GOT-5120T-830-J-XGA | 12.1" XGA 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   |

\* Specification and certifications are based on options and may vary.

## Optional EOS Installation

Windows® XP Embedded  
Windows® CE.NET

## Optional OS Installation

Windows® XP



## Dimensions

