

# GOT5120T-845

12.1" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060

## Features

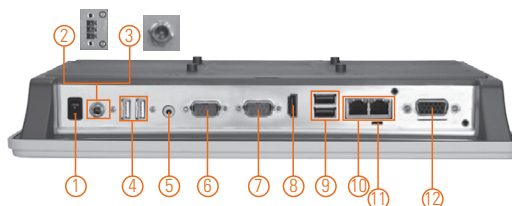
- 12.1" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060 (up to 2.48 GHz)
- 2.5" 7/9.5mm SATA HDD and mSATA with easy access design
- 2 GbE LAN, 4 USB, 2 COM and optional speakers
- IP65 front bezel design
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- External AT/ATX mode selectable switch
- Supports RFID (optional)
- Adjust RS-232/422/485 setting via BIOS



▲ Side view



▲ Desktop stand



1. Power switch (ATX)
2. Terminal block for DC power input or
3. Screw connector with AC power adapter
4. 2 x USB 2.0
5. Audio (Line-out)
6. 1 x RS-232/422/485
7. 1 x RS-232
8. HDMI
9. 2 x USB 3.0
10. 1 x RJ-45
11. AT/ATX selectable switch
12. 8-bit DIO port (programmable, DB9)



## Introduction

The GOT5120T-845 is a 12.1" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 12.1" TFT LCD as well as Intel® Celeron® processor N3060 2 cores up to 2.48 GHz. For wireless network connection, the GOT5120T-845 offers 2 PCI Express Mini Card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power with terminal block connector, and another is AC power adapter with screw type connector.

### Slim & Lightweight Design

The GOT5120T-845 is slim and lightweight which make it fit for limited space installation.

### Built-in Internal WLAN Antenna

The GOT5120T-845 provides 2 PCI Express Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5120T-845 in wireless LAN/GPRS/GPS/4G environment.

### Aluminum Back Chassis with Excellent Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5120T-845 can dissipate the heat easily and keep stable operation of the system.

## 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)                        |
|             | Resolution                                          | 1024 x 768 (XGA)<br>800 x 600 (SVGA)                        |
| Main System | CPU                                                 | Intel® Celeron® processor N3060<br>2 cores (up to 2.48 GHz) |
|             | System Memory                                       | 1 x 204-pin DDR3L-1600 MHz<br>SO-DIMM, up to 8GB            |
|             | BIOS                                                | AMI UEFI BIOS                                               |
|             | Storage                                             | 1 x 2.5" SATA HDD (9.5 mm)<br>1 x mSATA                     |
|             | Watchdog Timer                                      | 255 levels, 0 - 255 sec.                                    |
|             | Onboard Graphics                                    | Integrated Intel® HD GFX                                    |

## Specifications

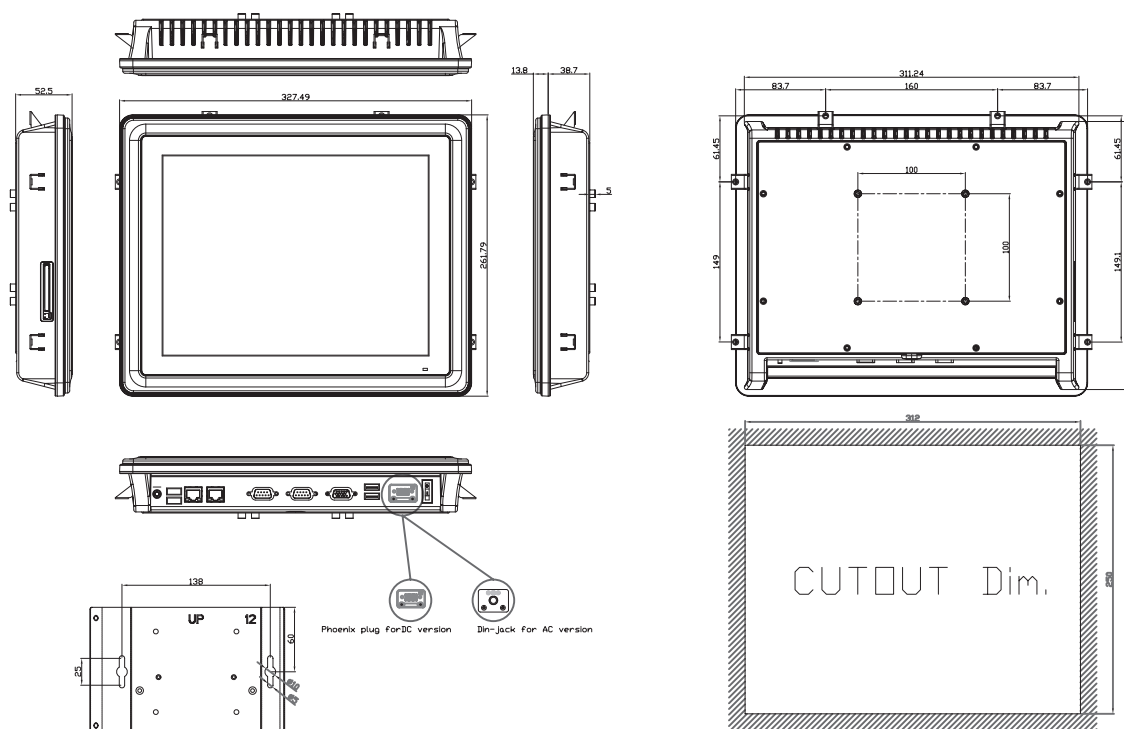
|                     |                                                                                                                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/O Connector       | 1 x RS-232<br>1 x RS-232-422-485 (default RS-232)<br>1 x HDMI<br>1 x 8-bit DIO port (programmable, DB9)<br>1 x Switch for power on/off<br>1 x AT/ATX mode selection switch<br>2 x USB 2.0<br>2 x USB 3.0<br>1 x Audio (Line-out)<br>2 x 10/100/1000 Mbps Ethernet (Intel® i211-AT) |
| TPM                 | N/A                                                                                                                                                                                                                                                                                |
| Expansion Interface | 1 x Full-size PCI Express Mini Card slot with mSATA<br>1 x Full-size PCI Express Mini Card slot with SIM                                                                                                                                                                           |
| Touchscreen         | 5-wire resistive touch                                                                                                                                                                                                                                                             |
| Power Supply        | DC version: 24 VDC over current protection fuse (optional)<br>AC version: 100 - 240VAC-DC, 60W power adapter                                                                                                                                                                       |
| Power Consumption   | 34W                                                                                                                                                                                                                                                                                |
| 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: 0°C to +50°C (+32°F to +122°F)<br>Relative humidity: 20% - 90% @ +40°C; non-condensing<br>Operation vibration: 2G, 10 - 500Hz, random for SSD                                                                                                               |
| Certificate         | CE, FCC, UL60950-1                                                                                                                                                                                                                                                                 |

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

## Packing List

1 x GOT5120T-845  
1 x Driver CD  
1 x Adapter (GOT5120T-845-J)  
1 x Power cord (GOT5120T-845-J)  
1 x Phoenix connector (GOT5120T-845 24V DC)

## Dimensions



## Ordering Information

|                        |                                                                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GOT5120T-845-J         | 12.1" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A |
| GOT5120T-845-24VDC     | 12.1" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)               |
| GOT5120T-845-XGA-J     | 12.1" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class A  |
| GOT5120T-845-XGA-24VDC | 12.1" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire resistive touch screen and 24 VDC power input (terminal block connector)                |

### Optional

Wi-Fi + Bluetooth kit

Speaker kit

881251201A0E Panel mount kit

881251202A0E Wall mount kit

E226171106 Stand kit

881251203A0E RFID kit

## Optional EOS Installation

WES7

WE8S (64-bit)

Windows® 10 IoT Enterprise (64bit)

## Optional OS Installation

Windows® 7

Windows® 8.1 (64-bit)

Windows® 10





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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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