# GOT5120T-845

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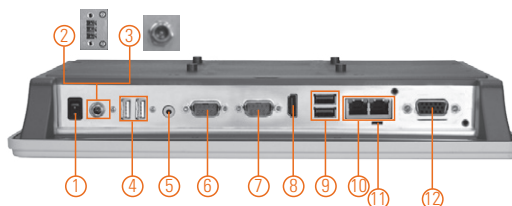
## Features

- 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 acess 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)

| Fanless | Low Power | DDR3L | AiRD | IP65 | DualView |

## 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$^2$) | 500 nits (XGA) 450 nits (SVGA) |
| | Resolution | 1024 x 768 (XGA) 800 x 600 (SVGA) |
| Main System | CPU | Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz) |
| | System Memory | 1 x 204-pin DDR3L-1600 MHz SO-DIMM, up to 8GB |
| | BIOS | AMI UEFI BIOS |
| | Storage | 1 x 2.5" SATA HDD (9.5 mm) 1 x mSATA |
| | Watchdog Timer | 255 levels, 0 - 255 sec. |
| | Onboard Graphics | Integrated Intel® HD GFX |

Updated Jan. 29, 2019.  * All specifications and photos are subject to change without notice.
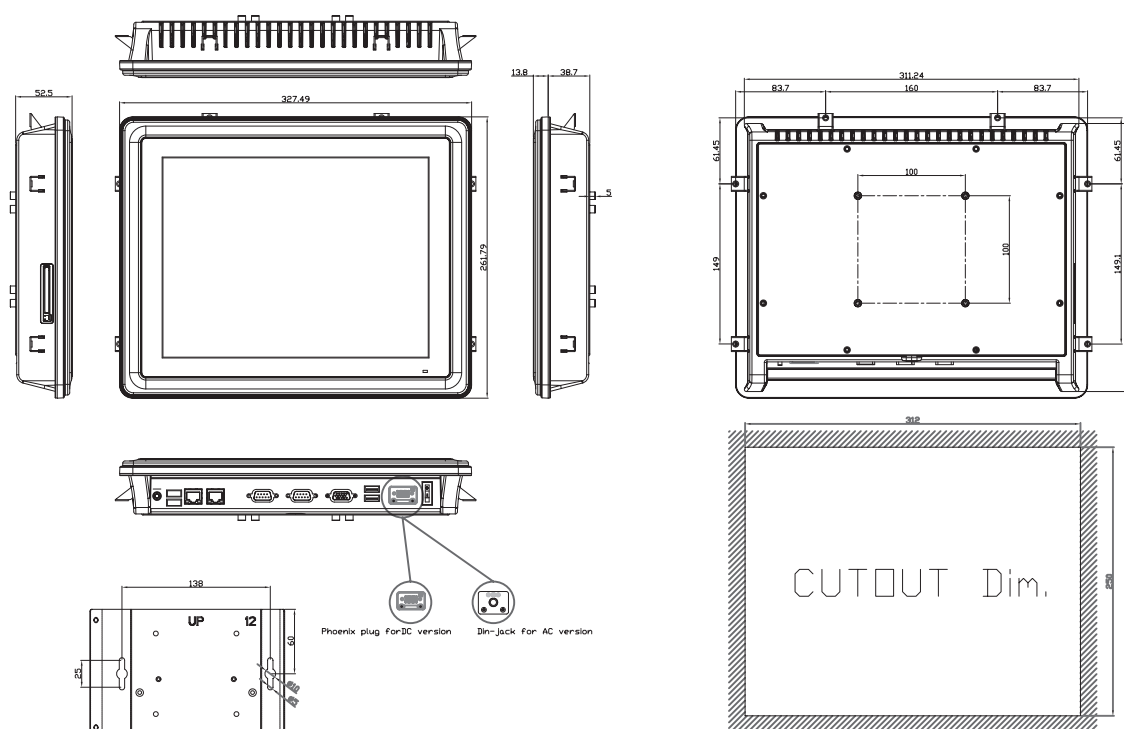
## Specifications

| 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)

## 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 |

## Dimensions

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Authorized Distributor


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