GOT5120T-834

12.1" XGA/SVGA TFT Fanless Touch Panel with Intel® Celeron® Processor J1900
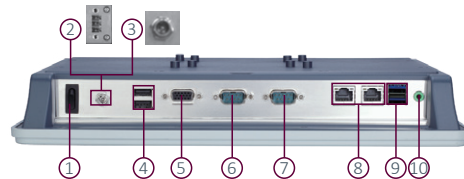
1. Power switch (ATX)
2. Terminal block for DC power input or
3. Screw conn. w/ AC power adapter
4. USB 2.0 x 2
5. VGA

6. COM 1 (RS-232/422/485)
7. COM 2 (RS-232/422/485)
8. Ethernet x 2
9. USB 3.0 x 2
10. Audio (Line-out)

▲ Side view

▲ Desktop stand

| Fanless | Low Power | DDR3L | AiRD | IP65 | Dual-View |

Features

- 12.1" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor J1900
- WLAN module and internal antenna
- 2 GbE LAN, 4 USB, and 2 COM
- PCI Express Mini Card slots for easy expansion
- Supports panel mount/wall mount/VESA arm
- Supports speakers (optional)
- Plastic and IP65-rated front bezel

Introduction

The GOT5120T-834 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, super sleek and fanless design and is equipped with a 12.1" TFT LCD as well as Intel® Celeron® processor J1900 4 cores. For wireless network connection, the GOT5120T-834 offers 2 PCI Express Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it supports a DC power input (9 to 36 VDC) with a terminal block connector.

Built-in Internal WLAN Antenna
The GOT5120T-834 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-834 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis with Excellent Thermal Solution
With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5120T-834 can dissipate the heat easily and keep the system operation stable.

AXIOMTEK

www.axiomtek.com ▶ Fanless Touch Panel Computers

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) 500 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
	Viewing Angel (H/V)	160°/140°
Main System	CPU	Intel® Celeron® processor J1900 4 cores
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" 7/9.5mm SATA HDD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x RS-232/422/485 (default RS-232, COM 1/2) 1 x VGA 1 x Audio (Line-out) 2 x USB 2.0 2 x USB 3.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT)	
TPM	N/A	
Expansion Interface	1 x full-size PCI Express Mini Card slot with mSATA 1 x full-size PCI Express Mini Card slot with SIM	
Touchscreen	Resistive type	
Power Input	1. DC version: 9 to 36 VDC with over-current protection fuse 2. AC version: 100 to 240 V AC-DC, 60W power adapter	
Power Consumption	32 W	
Dimensions (W x D x H)	327.5 x 52.5 x 261.8 mm (12.9" x 2.07" x 10.3")	
Packing Dimensions (W x D x H)	455 x 105 x 340 mm (17.91" x 4.13" x 13.39")	
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) (with W.T. DRAM/HDD in airflow condition) 0°C to +45°C (+32°F to +113°F) (with W.T. DRAM/HDD) Relative humidity: 20% to 90% @ +40°C; non-condensing Operation vibration: 2G, 5 to 500Hz, random for CFast™	
Certificate	CE	

* 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

Standard

GOT5120T-834-XGA-J (P/N :E225120124)	12.1" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5120T-834 N-XGA-DC (P/N:E225120127)	12.1" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9 to 36 VDC power input (terminal block connector), and no logo version

Optional

Wi-Fi + Bluetooth kit	
Speaker kit	
E226171106	Stand kit
E29R334100	RFID kit

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

Packing List

1 x GOT5120T-834
1 x Adapter (GOT5120T-834-J)
1 x Panel mount kit
1 x Wall mount kit
1 x Phoenix connector (GOT5120T-834 DC)

Optional EOS Installation

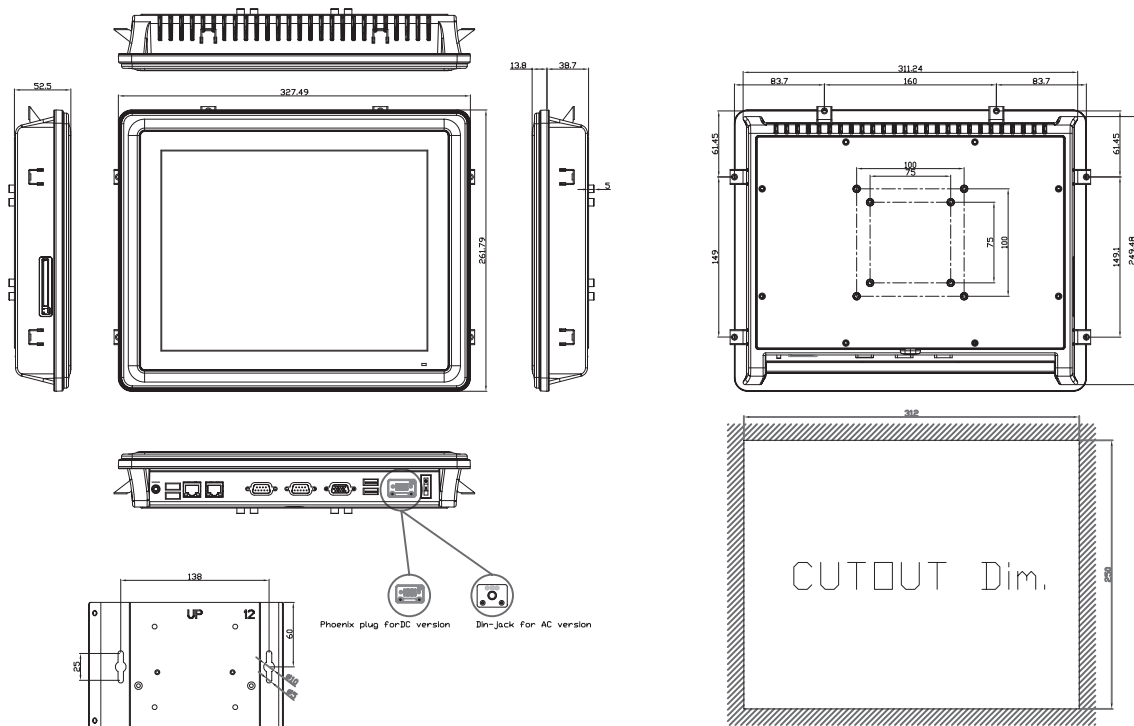| |
|---|
| WES7 |
| WE8S |
| Windows® 10 IoT Enterprise |

Optional OS Installation

Windows® 7
Windows® 8.1
Windows® 10

▲ AC power adapter
(for GOT5120T-834-J)

Dimensions

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Axiomtek](#):

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GOT5120T-834-DC GOT5120T-834-J-XGA-US GOT5120T-834-J-US GOT5120T-834 DC GOT5120T-834 J-XGA-US
GOT5120T-834 N-DC GOT5120T-834 N-XGA-DC GOT5120T-834 XGA-DC