

GOT5840T-834

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900

Features

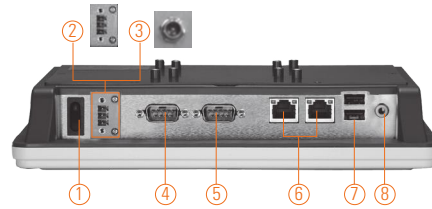
- 8.4" SVGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Celeron® processor J1900
- Ultra slim and super light design
- WLAN module and internal antenna
- PCI Express Mini Card slots for easy expansion
- 2 Gigabit LAN, 2 USB & 2 COM ports
- Supports optional panel mount/wall mount/VESA arm/desktop stand
- Plastic and IP65-rated front bezel



▲ Side view



▲ Desktop stand



1. Power switch (ATX)
2. Terminal block for DC power input or
3. Screw conn. w/ AC power adapter
4. COM 1 (RS-232/422/485)
5. COM 2 (RS-232/422/485)
6. Ethernet x 2
7. USB 3.0 x 2
8. Audio (Line-out)



Introduction

The GOT5840T-834 is an 8.4" 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 8.4" TFT LCD as well as Intel® Celeron® processor J1900 (Bay Trail). For wireless network connection, the GOT5840T-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 provides two types of power input. One is DC power input (9-36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

Super Slim & Ultra Lightweight Design

The GOT5840T-834 is a super slim touch panel computer for space-limited environment with its thickness of 45 mm and weight of 1.3 kg only, which make it installed everywhere.

Built-in Internal WLAN Antenna

The GOT5840T-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 GOT5840T-834 in a wireless LAN/GPRS/GSM/4G environments.

Aluminum Back Chassis Excellent with Thermal Solution

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5840T-834 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 | 8.4" SVGA TFT LCD with LED backlight |
| | Brightness (cd/m ²) | 350 nits |
| | Resolution | 800 x 600 |
| | 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 CFast™ or mSATA |
| | Watchdog Timer | 255 levels, 0-255 sec. |
| | Onboard Graphics | Integrated in Intel® GFX |

Specifications

| | |
|---------------------|--|
| I/O Connector | 2 x RS-232/422/485 (default RS-232, COM 1/2) 2 x USB 3.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT) 1 x Audio (Line-out) |
| Expansion Interface | 1 x Full-size PCI Express Mini Card with mSATA slot 1 x Full-size PCI Express Mini Card with SIM slot |
| Touchscreen | Resistive type |
| Power Input | 1. DC version: 9-36 VDC with over-current protection fuse 2. AC version: 100-240 V AC-DC, 60W power adapter |
| Power Consumption | 25 W |
| Dimensions | 250.7 mm (9.87") (W) x 45.8 mm (1.80") (D) x 204.7 mm (8.06") (H) |
| Packing Dimensions | 380 mm (14.96") (W) x 100 mm (3.94") (D) x 280 mm (11.02") (H) |
| Weight (net/gross) | 1.3 kg (2.87 lb) / 2.25 kg (4.96 lb) |
| Environment | Operating 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) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2G, 5 ~ 500 Hz, random for CFast™ |
| Certificate | CE |

Ordering Information

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|-----------------|--|
| GOT5840T-834-J | 8.4" SVGA 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 |
| GOT5840T-834-DC | 8.4" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36 VDC power input (terminal block connector) |

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

Optional EOS Installation

WES 7
WEBS

Optional OS Installation

Windows® 7
Windows® 8.1



Dimensions

