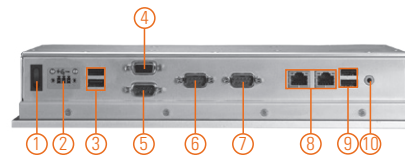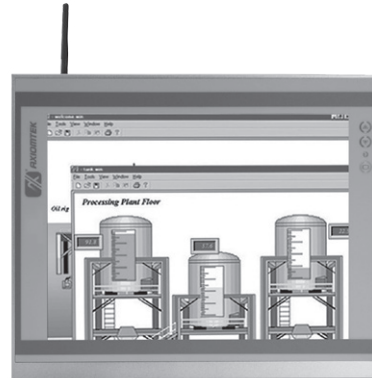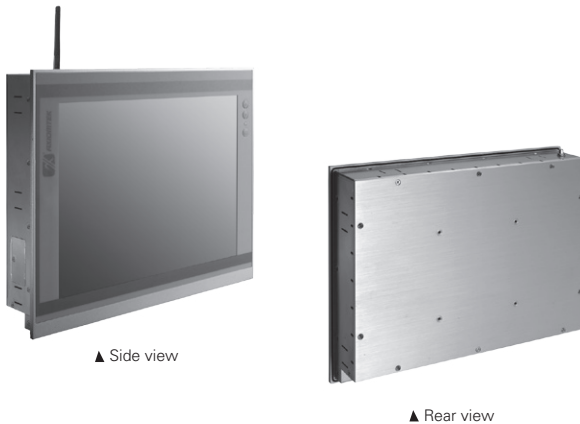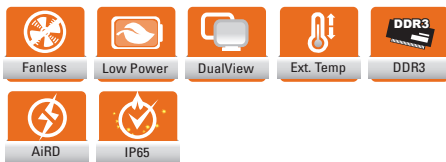# GOT3126T-834

12.1" XGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom® Processor E3827 (-20°C to +55°C)

Features

- 12.1" XGA color TFT LCD display
- Fanless cooling system with Intel® Atom® E3827 1.75 GHz
- -20°C to +55°C wide temperature range
- 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 3 COM ports
- WLAN/3G module and antenna (optional)
- 2 Express Mini card slots
- 9to36 VDC wide voltage and over current protection
- Supports panel mount and optional VESA arm, desktop stand, wall mount
- 2.5" 7/9.5 mm SATA HDD & CFast™ or mSATA
- Adjust RS-232/422/485 setting via BIOS

▲ Side view

▲ Rear view

| Fanless | Low Power | DualView | Ext. Temp | DDR3 |

| AiRD | IP65 |

1. Power switch
2. DC power input
3. USB 2.0 x 2
4. VGA
5. COM 3 (RS-232/422/485)
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)

Introduction

The GOT3126T-834 adopts a 12.1-inch XGA 500 nits TFT LCD and supports Intel® Bay Trail processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The high brightness industrial panel PC supports low power Intel® Atom® processor E3827. The industrial HMI can work under 1.3G (10 to 500Hz, random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides two PCIe mini card slots for 3G, wireless network connectivity. The 12.1" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

Wide Temperature Range (-20°C to +55°C)

The Intel® Atom®-based GOT3126T-834 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

WALN Antenna Supported (optional)

The 12.1" XGA IP65 industrial panel PC, GOT3126T-834, provides two PCIe mini card slots and WLAN/3G antennas for wireless network connectivity.

Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness (cd/m^2)	500 nits
	Resolution	1024 x 768
Main System	CPU	Intel® Atom® processor E3827 2C @1.75 GHz (Bay Trail)
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" 7/9.5 mm SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0 to 255 sec.
	Onboard Graphics	Integrated Intel® HD Graphic

Specifications

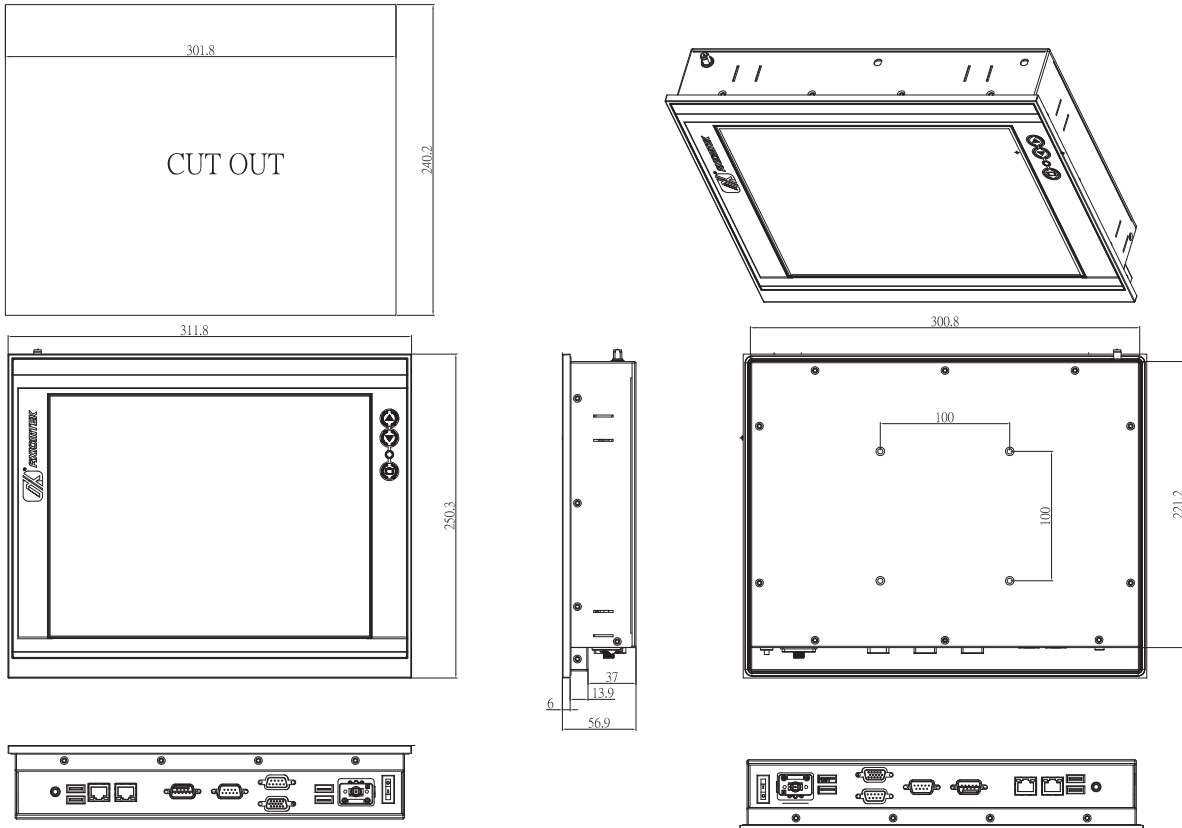|	
I/O Connector	3 x RS-232/422/485 (COM 1/2/3) 1 x VGA 1 x Audio (Line-out) 2 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet (Intel® i210-IT)
TPM	N/A
Expansion Interface	2 x PCIe Mini Card slot
Touchscreen	Resistive type
Power Supply	9to36 VDC with power protection
Power Consumption	36 W
Dimensions	311.5 mm (12.21") (W) x 56.9 mm (2.23") (D) x 250 mm (9.8") (H)
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)
Weight (net/gross)	2.8 kg (6.17 lb)/ 5 kg (11.02 lb)
Environment	Operating temperature: -20°C to +55°C (-4°F to +131°F) (with W.T. DRAM/HDD/CF) Relative humidity: 20% to 90% @ 40°C; non-condensing Operation vibration: 1.3G, 10 - 500Hz, random for 2.5" HDD 2G, 10 - 500Hz, random for CompactFlash™
Certificate	CE

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

Packing List

1 x GOT3126T-834
1 x Driver CD
1 x Phoenix connector
1 x Panel mount kit

Dimensions

Ordering Information

GOT3126T-834	12.1" XGA TFT fanless touch panel computer with Intel® Atom® E3827 1.75 GHz dual core processor, resistive touch screen and 9to36 VDC terminal block connector

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

Optional Accessories

Wi-Fi	
3G	
82231770050E	GOT3177T-834 wall mount kit
50906D24000E	Adaptor 24V/120W, wire only, FSP120-AAAN3

Optional EOS Installation

WES7
WE8S
Windows® 10 IoT Enterprise

Optional OS Installation

Windows® 8.1
Windows® 7
Windows® 10