GOT3126T-834
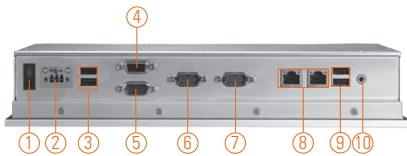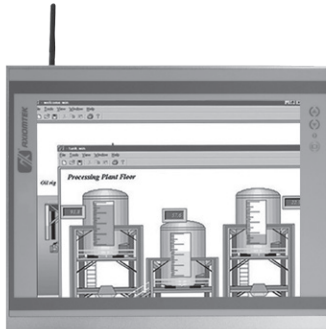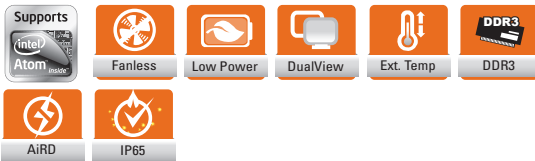
12.1" XGA TFT Extended Temp. Fanless
Touch Panel Computer with Intel® Atom™
Processor E3827 (-20°C +55°C)

CDS
Crystal Display Systems Ltd

NEW

- 12.1" XGA (1024 x 768) color TFT LCD display
- Fanless cooling system with Intel® Atom™ E3827 1.75GHz
- Supports wide temperature range of -20°C ~ +55°C
- Supports 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 3 COM ports
- Supports WLAN/3G module and antenna (optional)
- Supports dual Express Mini card slots
- 9~36VDC wide voltage and over current protection
- Supports panel mount and optional VESA arm, desktop stand, wall mount
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Adjust RS-232/422/485 setting via BIOS

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)

Supports Intel Atom inside | Fanless | Low Power | DualView | Ext. Temp | DDR3
AiRD | IP65

▲ Side view

▲ Rear view

Introduction

GOT3126T-834 is the 12.1" fanless touch panel computer. By supporting a wide temperature range from -20°C to +55°C, is especially designed for harsh environments. The GOT3126T-834 adopts a modern, super sleek fanless design, is equipped with a 12.1" TFT LCD, and low power consumption Intel® Atom™ (Bay Trail) processor. In response to customer's requests for wireless applications, the GOT3126T-834 has dual Mini Card slot and optional fixed rotational WLAN antenna for wireless network connection. By just plugging in the Mini Card WLAN card, customers have instant access wireless LAN. The GOT3126T-834 is suitable for many applications including transportation, train, control platforms on ships, oil pipe monitoring systems, and environmental monitoring of steelworks.

Wide-temperature (-20°C~ +55°C) supported
The industrial touch panel PC adopts unique extended temperature technology, with a temperature range from -20°C to +55°C, with a fanless cooling system and compact design for harsh environments.

WLAN/3G module & antenna supported (optional)
The GOT3126T-834 provides dual Mini card slots and WLAN/3G antenna for wireless network connections. By simply plugging in the WLAN/3G module, customers can use the unit in a wireless environment.

Anti-vibration up to 1.3G
With a unique anti-vibration design patent, the rugged human machine interface can work well under 1.3G (10~500Hz) in operation mode and equipped with a 2.5" HDD.

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 1.75GHz (Bay Trail)
	Chipset	Onboard
	System Memory	1 x 204-pin DDR3L 1333/1600 MHz SO-DIMM up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

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 10/100/1000Mbps Ethernet
Expansion Interface	2 x PCIe Mini Card slots
Touchscreen	Resistive type
Power Supply	9~36V DC with power protection
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 470 mm (8.51") (D) x 186 mm (7.32") (H)
Weight (net/gross)	2.8 kg (6.17 lb)/ 5 kg (11.02 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) (with W.T. DRAM/HDD/CF) Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F) Relative humidity: 20% ~ 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.

Ordering Information

GOT3126T-834	12.1" XGA TFT fanless touch panel computer with Intel® Atom™ E3827 (-20°C~ +55°C)

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

Optional EOS Installation

WES7
WE8S

Optional OS Installation

Windows® 8
Windows® 7

Dimensions