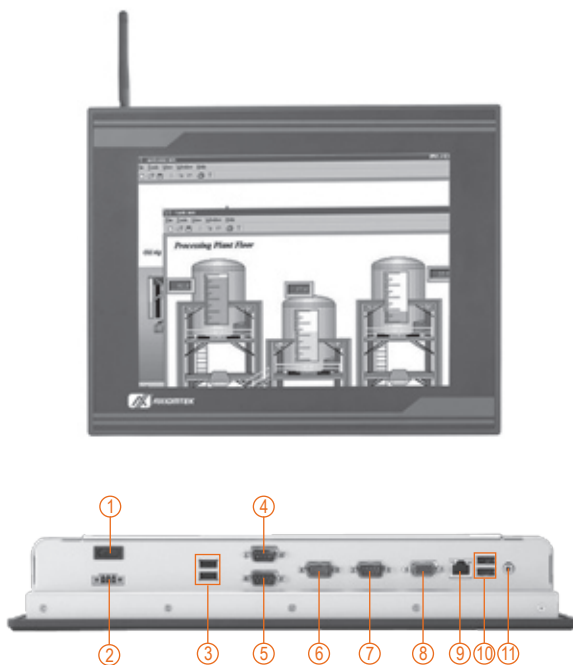


# GOT-3156T-823/GOT-3156TL-830

15" XGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ processor (-20°C ~ +65°C)

15" XGA TFT Cost-effective Fanless Touch Panel Computer with Intel® Atom™ processor (-10°C ~ +55°C)



I/O of GOT-3156TL-830

- |                   |                           |                      |
|-------------------|---------------------------|----------------------|
| 1. Power switch   | 6. COM 1 (RS-232/422/485) | 11. Audio (Line-out) |
| 2. DC power input | 7. COM 2 (RS-232)         |                      |
| 3. USB 2.0 x 2    | 8. VGA                    |                      |
| 4. COM 4 (RS-232) | 9. Ethernet               |                      |
| 5. COM 3 (RS-232) | 10. USB 2.0 x 2           |                      |



## Features

- 15" XGA (1024 x 768) color TFT LCD display
- Fanless cooling system with Intel® Atom™ processor Z510PT 1.1 GHz (GOT-3156T); Intel® Atom™ N270 1.6 GHz (GOT-3156TL)
- Supports wide temperature range of -20°C - +65°C (GOT-3156T)
- Anti-vibration up to 2G (HDD, random)
- Sunlight readable design: 550 nits (GOT-3156T)
- Supports WLAN antenna (IEEE 802.1b/802.11g) (optional)
- Easy for expansion: Mini card (USB interface)
- Over-current protection fuse
- Supports panel mount, VESA arm, desktop stand, wall mount



Side view

## Introduction

The GOT-3156T is a 15" XGA fanless touch panel computer. By supporting a wide temperature range from -20° to +65°C, it can be used in any harsh environment. In response to market demands, the GOT-3156TL is a cost effective product. The unit adopts 15" XGA TFT-LCD and low power consumption Intel® Atom™ processor. With the growing demand of wireless application, it provides one Mini card slot for wireless network connection. By just plugging in the Mini card WLAN card, customers have instant access wireless LAN. This model is suitable for many applications including transportation, train, control platform of ships, heavy industry, and oil pipe monitoring systems.

### Wide-temperature (-20° ~ +65°C) supported

The GOT-3156T adopts unique extended temperature technology, with a temperature range from -20° to +65°C, with fanless cooling system and compact design for harsh environment.

## Specifications

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel		System Memory	1 x 200-pin DDR2 533 SODIMM max. up to 2 GB
LCD Panel	Display Type	15" XGA TFT LCD	BIOS	Phoenix-Award 4Mbit with RPL/PXE LAN boot ROM, Smartview and customer CMOS backup (GOT-3156T) AMI 8 Mbit with RPL/PXE LAN boot ROM (GOT-3156TL)
	Brightness (cd/m <sup>2</sup> )	550 nits (GOT-3156T) 400 nits (GOT-3156TL)	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Resolution	1024 x 768	Watchdog	255 levels, 0~255 sec.
	Viewing Angle (H/V)	140° / 130°	Timer	
Main System	CPU	Intel® Atom™ processor Z510PT 1.1 GHz (GOT-3156T) Intel® Atom™ processor Z270 1.6 GHz (GOT-3156TL)	Onboard Graphics	Intel® GMA 500 (GOT-3156T) Integrated Intel® 945GSE (GOT-3156TL)
	Chipset	Intel® system control hub US15W PT (GOT-3156T) Intel® 945GSE-ICH7M (GOT-3156TL)		

### Sunlight readable design: 550 nits

The GOT-3156T adopts a high brightness LCD, 550 nits, with sunlight readable technology. The screen is legible even under strong sunlight and is readable under skies outdoor in parking lots and more.

### WLAN antenna supported (optional)

The GOT-3156T/TL provides a Mini card slot and WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the unit in a wireless environment.

### Anti-vibration up to 1.3G

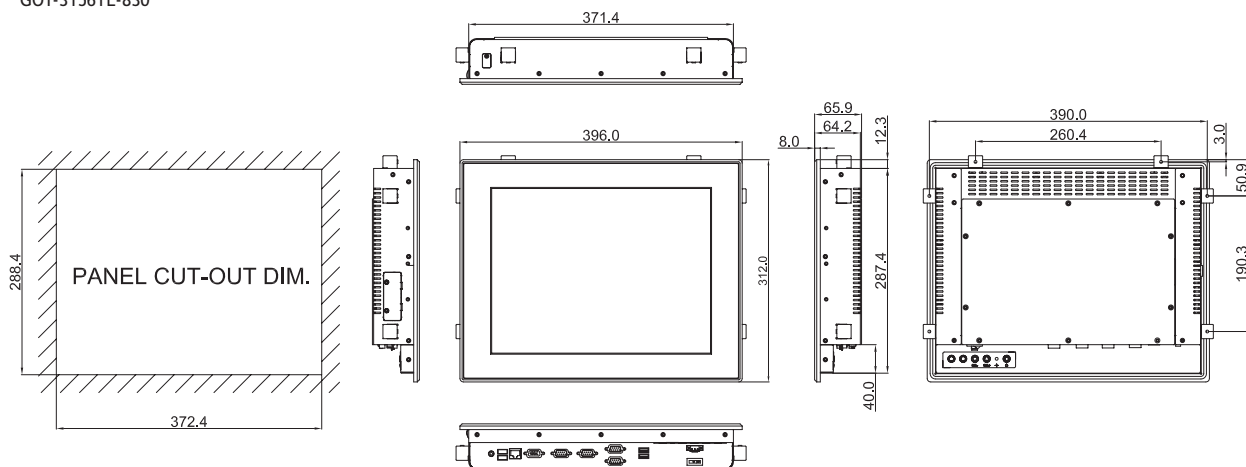
With a unique anti-vibration design patent, the GOT-3156TL can work well under 1.3G (5-500Hz) in operation mode and equipped with a 2.5" HDD.

I/O Connector	2 x RS-232 (GOT-3156TL) 3 x RS-232 (GOT-3156TL) 1 x RS-232/422/485 1 x VGA 1 x Audio (Line-out) 1 x PS/2 keyboard/mouse (GOT-3156T) 4 x USB 2.0 1 x 10/100/1000Mbps Ethernet 2 x built-in speakers (GOT-3156T)
Expansion Interface	1 x PCIe Mini Card (USB interface for GOT-3156T)
Touchscreen	Resistive type
Power Supply	12/24V <sub>DC</sub> , 60W, w/ fuse power protection
Dimensions	396 mm (15.6") (W) x 65.9 mm (2.6") (D) x 312 mm (12.3") (H) (GOT-3156TL)
Weight (net/gross)	TBD
Environment	Operating temperature: -20°C ~ +65°C (-4°F ~ +149°F) (GOT-3156T) (with W.T. DRAM/HDD/CF) -10°C ~ +55°C (-14°F ~ +131°F) (GOT-3156TL) Relative humidity: 10% ~ 95% @ 40°C; non-condensing Operation vibration: 1.3G, 5 ~ 500Hz, random for 2.5" HDD (GOT-3156TL) 3G, 5 ~ 500Hz, random for CompactFlash™
Certification	CE

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

## Dimensions

GOT-3156TL-830



## Ordering Information

GOT-3156T-823	15" XGA TFT fanless touch panel computer with extended temp. (-20° ~ +65°C)
GOT-3156TL-830	15" XGA TFT cost-effective fanless touch panel computer (-10° ~ +55°C)
Wall/VESA kit	Wall/VESA mount kit for GOT-3156T/TL
Desktop stand	Desktop stand kit for GOT-3156T/TL
Wireless kit	802.11 b/g wireless LAN kit
50966A23030E	Power adapter, 72W, 110-230V <sub>AC</sub> to 24V <sub>DC</sub>

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

## Optional EOS Installation

Window<sup>®</sup> XP Embedded  
Windows<sup>®</sup> CE.NET

## Optional OS Installation

Windows<sup>®</sup> XP

Touch Panel Computers for Various Industry Applications

Digital Signage and Display Solutions

Medical Panel Computers

Medical Grade Monitors

GOT Fanless Touch Panel Computers

Touch Panel Computers for Infotainment

Touch Panel Computers for Automation

Touch Panel Monitors for Automation

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Accessories