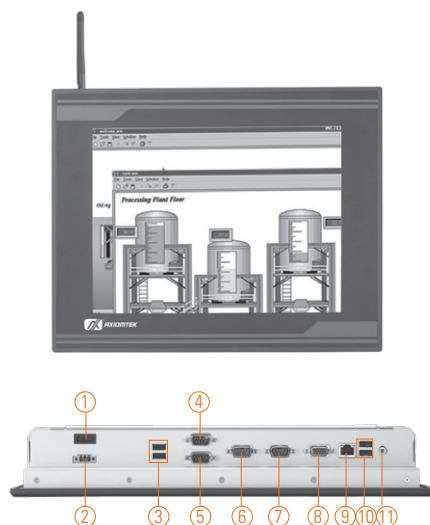


# GOT-3156T-823/GOT-3156TL-830

- 15" XGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ processor (-20°C ~ +65°C)
- 15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ processor (-20°C ~ +55°C)



I/O of GOT-3156TL-830

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



Fanless

Low Power

DualView

Extended Temperature

## Introduction

The GOT-3156T is a 15" XGA fanless touch panel computer. By supporting a wide temperature range from -20°C +65°C, it can be used in any harsh environment. 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°C +65°C) supported

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

### Sunlight readable design: 400 nits

The GOT-3156T adopts a high brightness LCD, 400 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.

## 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 1.3G (HDD, random)
- Supports WLAN antenna (IEEE 802.11b/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

## Specifications

|             |                                                      |                                                                                                                                                    |
|-------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Front Bezel | IP65, NEMA 4 rugged protection, aluminum front bezel |                                                                                                                                                    |
| LCD Panel   | Display Type                                         | 15" XGA TFT LCD                                                                                                                                    |
|             | Brightness (cd/m2)                                   | 400 nits                                                                                                                                           |
|             | Resolution                                           | 1024 x 768                                                                                                                                         |
|             | Viewing Angle (H/V)                                  | 140°/130°                                                                                                                                          |
| Main System | CPU                                                  | Intel® Atom™ processor Z510PT 1.1 GHz (GOT-3156T)<br>Intel® Atom™ processor N270 1.6 GHz (GOT-3156TL)                                              |
|             | Chipset                                              | Intel® system control hub US15W PT (GOT-3156T)<br>Intel® 945GSE-ICH7M (GOT-3156TL)                                                                 |
|             | System Memory                                        | 1 x 200-pin DDR2 533 SO-DIMM max. up to 2 GB                                                                                                       |
|             | BIOS                                                 | Phoenix-Award 4Mbit with RPL/PXE LAN boot ROM, Smartview and customer CMOS backup (GOT-3156T)<br>AMI 8 Mbit with RPL/PXE LAN boot ROM (GOT-3156TL) |
|             | Storage                                              | 1 x 2.5" SATA HDD<br>1 x CompactFlash™                                                                                                             |
|             | Watchdog Timer                                       | 255 levels, 0-255 sec.                                                                                                                             |
|             | Onboard                                              | Intel® GMA 500 (GOT-3156T)                                                                                                                         |
|             | Graphics                                             | Integrated Intel® 945GSE (GOT-3156TL)                                                                                                              |

\* All specifications and photos are subject to change without notice.

# Specifications

|                     |                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/O Connector       | 2 x RS-232 (COM 2/3) (GOT-3156T)<br>3 x RS-232 (COM 2/3/4) (GOT-3156TL)<br>1 x RS-232/422/485 (COM 1)<br>1 x VGA<br>1 x Audio (Line-out)<br>1 x PS/2 keyboard/mouse (GOT-3156T)<br>4 x USB 2.0<br>1 x 10/100/1000Mbps Ethernet                                                                                                                                                        |
| Expansion Interface | 1 x PCIe Mini Card (USB interface for GOT-3156T)                                                                                                                                                                                                                                                                                                                                      |
| Touchscreen         | Resistive type                                                                                                                                                                                                                                                                                                                                                                        |
| Power Supply        | 12/24VDC, 36W, w/ fuse power protection                                                                                                                                                                                                                                                                                                                                               |
| Dimensions          | 396 mm (15.6") (W) x 56.2 mm (2.21") (D) x 312 mm (12.3") (H) (GOT-3156TL)                                                                                                                                                                                                                                                                                                            |
| Packing Dimensions  | 510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H) (GOT-3156TL)                                                                                                                                                                                                                                                                                                           |
| Weight (net/gross)  | 5.3 kg (11.68 lb)/7.4 kg (16.31 lb)                                                                                                                                                                                                                                                                                                                                                   |
| Environment         | Operating temperature:<br>-20°C ~ +65°C (-4°F ~ +149°F) (GOT-3156T)<br>(with W.T. DRAM/HDD/CF)<br>-20°C ~ +55°C (-4°F ~ +131°F) (GOT-3156TL)<br>Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)<br>Relative humidity:<br>10% ~ 95% @ 40°C; non-condensing<br>Operation vibration:<br>1.3G, 5 ~ 500Hz, random for 2.5" HDD (GOT-3156TL)<br>2G, 5 ~ 500Hz, random for CompactFlash™ |
| Certification       | CE                                                                                                                                                                                                                                                                                                                                                                                    |

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

# Ordering Information

|                |                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------|
| GOT-3156T-823  | 15" XGA TFT fanless touch panel computer with Intel® Atom™ Z510PT and extended temp. (-20°C ~ +65°C) |
| GOT-3156TL-830 | 15" XGA TFT fanless touch panel computer with Intel® Atom™ N270 (-20°C ~ +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                                                                          |
| 50966A23040E   | Power adapter, 70W, 110~230VAC to 24VDC                                                              |

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

# Optional EOS Installation

|                     |
|---------------------|
| Window® XP Embedded |
| Windows® CE.NET     |

# Optional OS Installation

|             |
|-------------|
| Windows® XP |
|-------------|

Overview

Industrial Panel  
Computers &  
Monitors

Heavy-duty  
Fanless Touch  
Panel Computers

Digital  
Signage  
Solutions

Healthcare  
& Medical  
Solutions

Open Frame  
Panel  
Computers

Accessories

# Dimensions

GOT-3156TL-830

