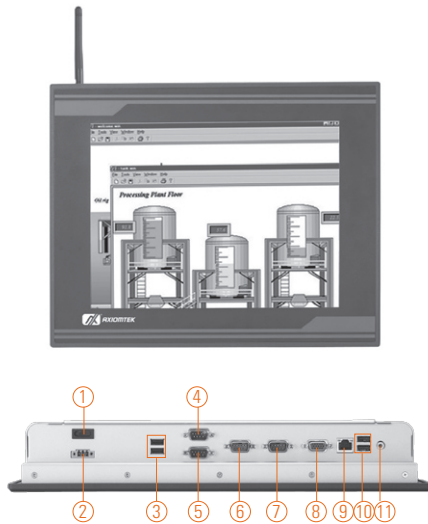# GOT-3156T-823/GOT-3156TL-830

- 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)

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 802.1b/802.11g) (optional)
- Easy for expansion: Mini card (USB interface)
- Over-current protection fuse
- Supports panel mount, VESA arm, desktop stand, wall mount

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)	

▲ Side view

Supports Intel Atom inside

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.

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) Intel® Atom™ processor N270 1.6 GHz (GOT-3156TL)
	Chipset	Intel® system control hub US15W PT (GOT-3156T) 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) AMI 8 Mbit with RPL/PXE LAN boot ROM (GOT-3156TL)
	Storage	1 x 2.5" SATA HDD 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) 3 x RS-232 (COM 2/3/4) (GOT-3156TL) 1 x RS-232/422/485 (COM 1) 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
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: -20°C ~ +65°C (-4°F ~ +149°F) (GOT-3156T) (with W.T. DRAM/HDD/CF) -20°V ~ +55°C (-4°F ~ +131°F) (GOT-3156TL) Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F) Relative humidity: 10% ~ 95% @ 40°C; non-condensing Operation vibration: 1.3G, 5 ~ 500Hz, random for 2.5" HDD (GOT-3156TL) 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

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