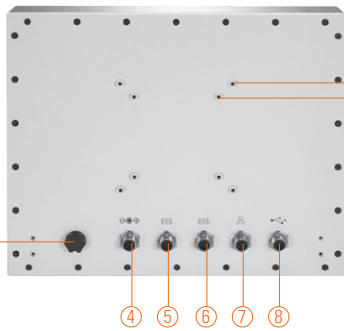


# GOT812LR-832

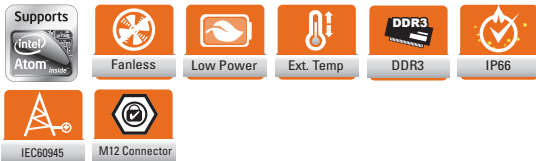
12.1" XGA TFT IP66-rated Stainless Steel Fanless Touch Panel Computer with Intel® Atom™ Processor N2600, Sunlight Readable and High Brightness LCD (-20°C ~ +55°C)



Waterproof, dust proof ventilation valve

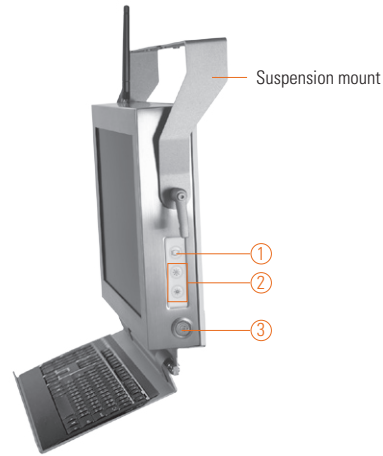
VESA 100  
VESA 75

1. Backlight switch
2. Brightness adjust
3. Power switch (ATX)
4. DC power connector
5. COM 1 (RS-232/422/485)
6. COM 2 (RS-232)
7. Ethernet
8. USB 2.0 x 2



## Features

- Sunlight readable 12.1" XGA TFT LCD with low-reflective color and high brightness (1000 nits)
- IP66-rated (NEMA4X) water/dust/corrosion-proof design
- Type 316 stainless steel front bezel
- Wide operating temperature range of -20°C ~ +55°C
- Fanless design with Intel® Atom™ processor N2600 1.6 GHz
- Wireless network connectivity
- M12 type I/O connections
- Designed and tested according to IEC60945 and DNV 2.4 standards
- Supports suspension and VESA mount



▲ Side view

## Introduction

The GOT812LR-832 is specially designed for heavy-duty & outdoor applications. Its IP66-rated stainless steel housing protects against harsh environments where dust, dirt, moisture, water, oil, powder, or chemicals can contaminate or damage a system. It also outfits sunlight readable technology and wide operating temperature range of -20°C ~ +55°C. Thus, this robust unit is best suited for outdoor environments in extreme sunny or rainy day, dusty or wet spaces in food factories or kitchens and more harsh applications, such as steel factories, transformer stations and vessels.

### IP66-sealed system

The 12.1-inch GOT812LR-832 adopts a water/dust-proof housing and five IP66-rated connectors. It passes entire system IP66 test by SGS and verified salt mist test.

### Sunlight readable design

The GOT812LR-832 is equipped with a 12.1-inch XGA TFT LCD display with high brightness LED backlight (1000 nits). Its low reflective touch screen is ideal for outdoor use under direct sunlight.

### Wide temp. (-20°C ~ +55°C) & anti-vibration (2G) design

The 12.1" industrial touch panel PC supports wide temperature of -20°C ~ +55°C. The panel system offers excellent vibration resistance of up to 2Grms (with SSD). It is ideal for outdoor applications or automation environments.

## Specifications

Front Bezel	Stainless type 316	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness (cd/m <sup>2</sup> )	1000 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/140°
Main System	CPU	Intel® Atom™ processor N2600 1.6 GHz
	Chipset	Intel® NM10
	System Memory	1 x 204-pin DDR3 SO-DIMM max. up to 2 GB
	BIOS	AMI with Axiomtek standard features such as SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CompactFlash™
	Watchdog Timer	255 levels, 1-255 sec.
	Onboard Graphics	Integrated in Intel® GFX



## Specifications

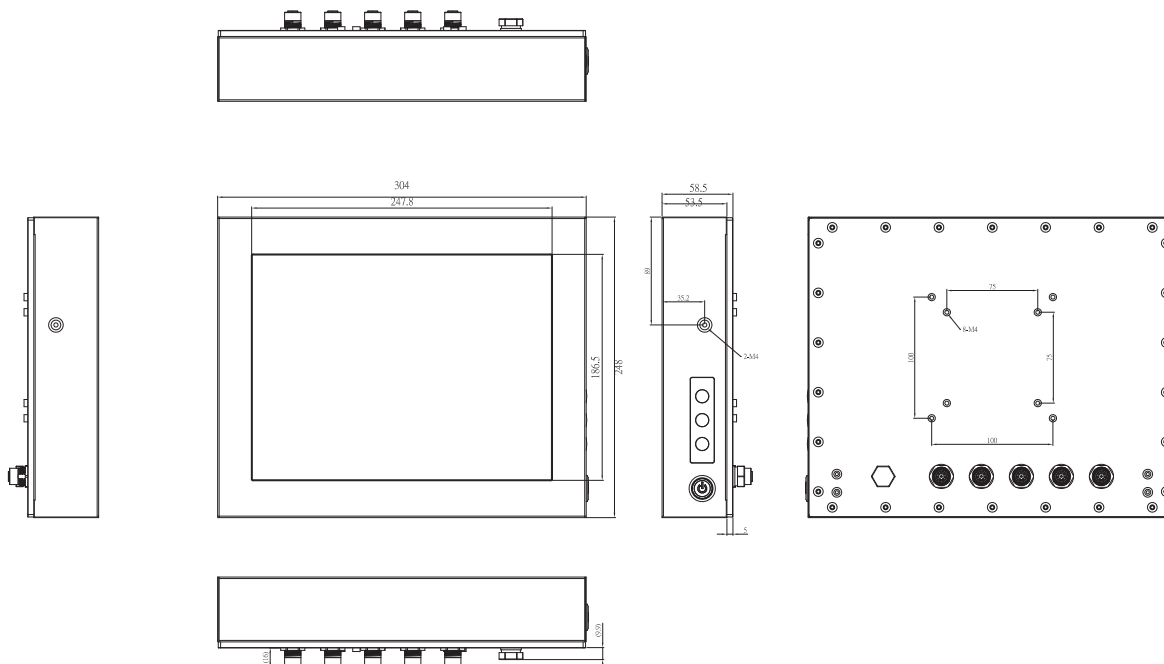
I/O Connector	1x RS-232/422/485 (COM 1 default RS-232) 1x RS-232 (COM 2) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet
Expansion Interface	1 x PCI Express Mini Card slot
Touchscreen	5-wire resistive low reflective type
Power Supply	Power input 9-36VDC
Dimensions	304 mm (11.97") (W) x 58.5 mm (2.3") (D) x 248 mm (9.76") (H)
Packing Dimensions	380 mm (14.96") (W) x 190 mm (7.48") (D) x 430 mm (16.93") (H)
Weight (net/gross)	4.5 kg (9.92 lb)/6 kg (14.33 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for 2.5" SSD 2G, 5 ~ 500Hz, random for CompactFlash™
Certificate	CE

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

## Optional Accessories

822B8120070E	GOT812 keyboard bracket (w/o keyboard)
822B8120080E	GOT812 suspension kit
594B8122100E	Water-proof COM port cable (1.8m)
594B8122820E	Water-proof USB cable (1.8m)
594B8122720E	Water-proof LAN cable (1.8m)
50964A23000E	72W/24V power adapter with M12 connector

## Dimensions



## Ordering Information

<b>Sunlight readable type</b>	
GOT812LR-832-DC	12" XGA IP66-rated stainless steel fanless touch panel computer with Intel® Atom™ N2600, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 9-36VDC power input
GOT812LR-832-RF-DC	12" XGA IP66-rated stainless steel fanless touch panel computer with Intel® Atom™ N2600, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 9-36VDC power input and Wi-Fi or 3G

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

## Optional EOS Installation

WES
WES 7

## Optional OS Installation

Windows® XP
Windows® 7

Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories

