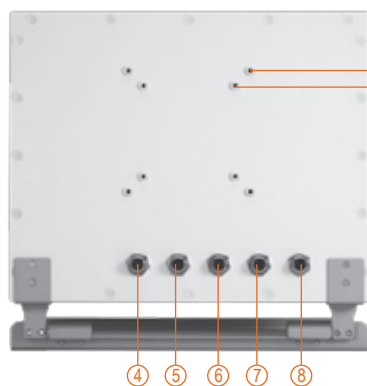


# GOT-812

12.1" SVGA/XGA TFT IP66-rating Fanless Touch Panel Computer (-20°C ~ +55°C)



VESA 100  
VESA 75

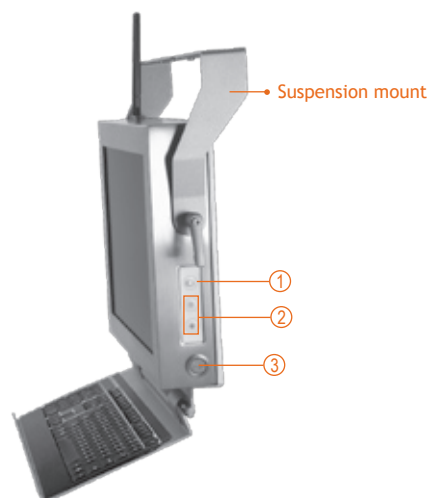
1. Backlight switch
2. Brightness adjust
3. Power switch (ATX)
4. DC power connector
5. COM 1 (RS-232)
6. COM 2 (RS-232)
7. Ethernet
8. USB 2.0 x 2

M12 connector



## Features

- 12.1" SVGA/XGA high brightness color TFT LCD
- IP66-rating whole system water/dust-proof design
- Fanless system with Intel® Atom™ processor N270
- Wide operating temperature range of -20°C ~ +55°C
- Sunlight readable design: low-reflective T/S
- Suspension and VESA mounting



## Introduction

The GOT-812 is specially designed for heavy-duty & outdoor applications. Its IP66-rating stainless steel housing protects entire system from outside damage of water, powder and dust. 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 GOT-812 adopts a water/dust-proof housing design and six IP66-rating connectors. It passes entire system IP66 test by SGS and verified salt mist test and marine grade by IEC60945.

### Sunlight readable design

Its sunlight readable technology with LED tech high brightness 1000 nits color display and low reflective touchscreen allows the screen legible even under strong sunlight.

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

The GOT-812 supports wide temperature of -20°C ~ +55°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

## Specifications

Front Bezel	Stainless type 316	
LCD Panel	Display Type	12.1" SVGA TFT LCD (GOT-812L) 12.1" XGA TFT LCD (GOT-812LR)
	Brightness (cd/m <sup>2</sup> )	1000 nits (GOT-812LR) 450 nits (GOT-812L)
	Resolution	800 x 600 (GOT-812L) 1024 x 768 (GOT-812LR)
	Viewing Angle (H/V)	100° / 120° (GOT-812L) 160° / 140° (GOT-812LR)
Main System	CPU	Intel® Atom™ processor N270 1.6 GHz
	Chipset	Intel® 945GSE+ICH7M
	System Memory	1 x 200-pin DDR2 SODIMM 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® 945GSE

I/O Connector	2 x RS-232 (COM 1/2) 2 x USB 2.0 1 x 10/100/1000Mbps Ethernet
Expansion Interface	PCIe Mini card
Touch screen	5-wire resistive low reflective type (GOT-812LR) 5-wire resistive type (GOT-812L)
Power Supply	Power input 12V <sub>DC</sub> /24V <sub>DC</sub>
Dimensions	304mm (11.97") (W) x 58.5mm (2.3") (D) x 248mm (9.76") (H)
Weight (net/gross)	4.5 kg (9.92 lb)/6 kg (13.23 lb)
Environmental	Operation temperature: -20°C - +55°C Relative humidity: 10% - 95% @ 40°C, non-condensing Operation vibration: 2G, 5 - 500Hz, random for 2.5" SSD 3G, 5 - 500Hz, random for CompactFlash™
Certification	CE/IEC60945/DNV 2.4 (compliant)

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

## Ordering Information

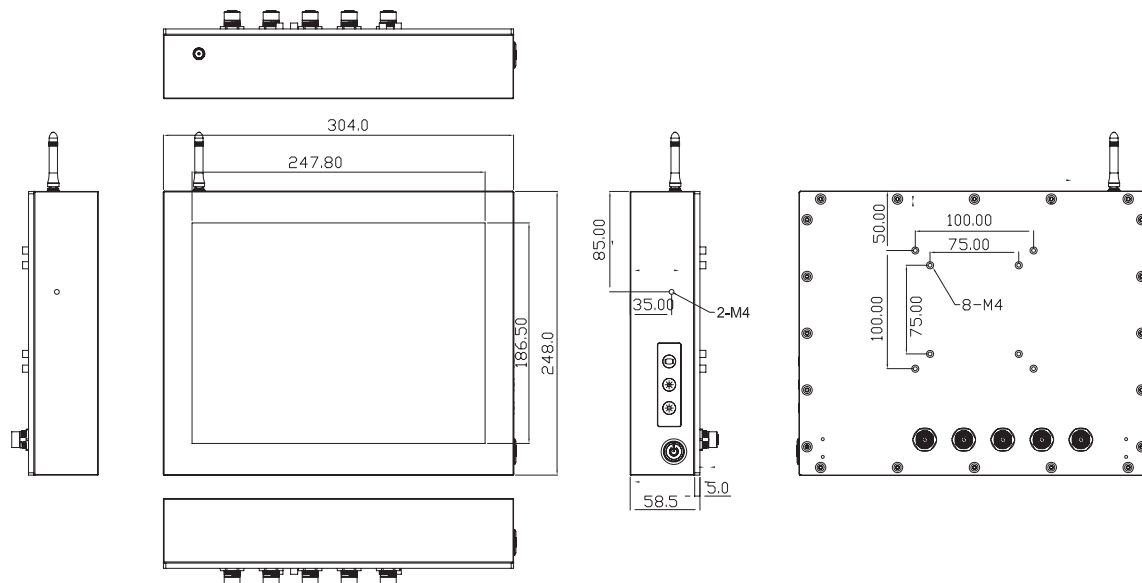
### Sunlight readable type

GOT-812LR (P/N: E22B812102)	12.1" IP66-rating sunlight readable touch panel computer (1000 nits) w/ Intel® Atom™ processor N270
GOT-812LR-WiFi (P/N: E22B812103)	12.1" IP66-rating WiFi sunlight readable touch panel computer (1000 nits) w/ Intel® Atom™ processor N270

### Normal type

GOT-812L (P/N: E22B812100)	12.1" IP66-rating heavy-duty touch panel computer w/ Intel® Atom™ processor N270
GOT-812L-WiFi (P/N: E22B812101)	12.1" IP66-rating WiFi heavy-duty touch panel computer w/ Intel® Atom™ processor N270

## Dimensions



## Optional Accessories

822B8120070E	Keyboard kit
822B8120080E	Suspension kit
594B8122100E	Water proof COM port cable
594B8122820E	Water proof USB cable
594B8122720E	Water proof LAN cable
50964116000E	60W/12V power adapter w/ M12 connector
VESA ARM	

## Optional EOS Installation

Window® XP Embedded
Window® CE.NET
Linux

## Optional OS Installation

Windows® XP
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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

Open Frame Panel Computers