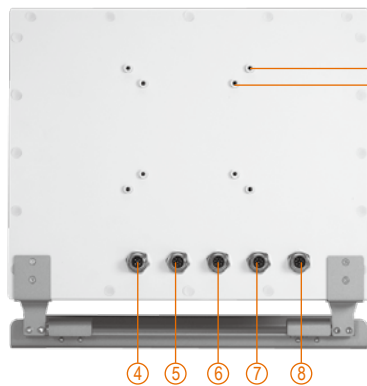


# GOT-812

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



VESA 100  
VESA 75

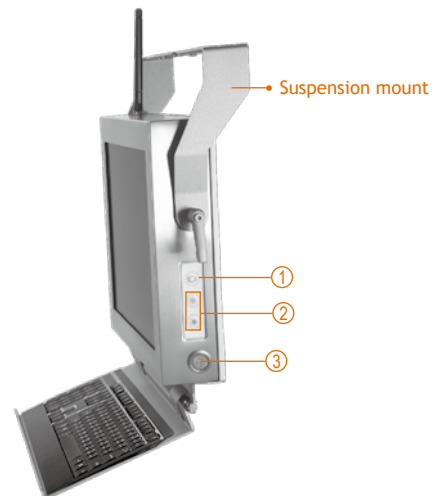
1. Backlight switch
2. Brightness adjust
3. Power switch (ATX)
4. DC power connector
5. COM 1 (RS-232)
6. COM 2 (RS-232)
7. Ethernet
8. USB 2.0 x 2

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



Suspension mount

①

②

③

## 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)<br>12.1" XGA TFT LCD (GOT-812LR) |
|             | Brightness (cd/m <sup>2</sup> ) | 1000 nits (GOT-812LR)<br>450 nits (GOT-812L)                   |
|             | Resolution                      | 800 x 600 (GOT-812L)<br>1024 x 768 (GOT-812LR)                 |
|             | Viewing Angle (H/V)             | 100° / 120° (GOT-812L)<br>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.<br>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<br>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)<br>2 x USB 2.0<br>1 x 10/100/1000Mbps Ethernet  |
| Expansion Interface | PCIe Mini card   |
| Touch screen        | 5-wire resistive low reflective type (GOT-812LR)<br>5-wire resistive type (GOT-812L)   |
| Power Supply        | Power input 18-36V <sub>dc</sub>   |
| Dimensions          | 304mm (11.97") (W) x 58.5mm (2.3") (D) x<br>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<br>Relative humidity: 10% - 95% @ 40°C, non-condensing<br>Operation vibration:<br>2G, 5 - 500Hz, random for 2.5" SSD<br>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

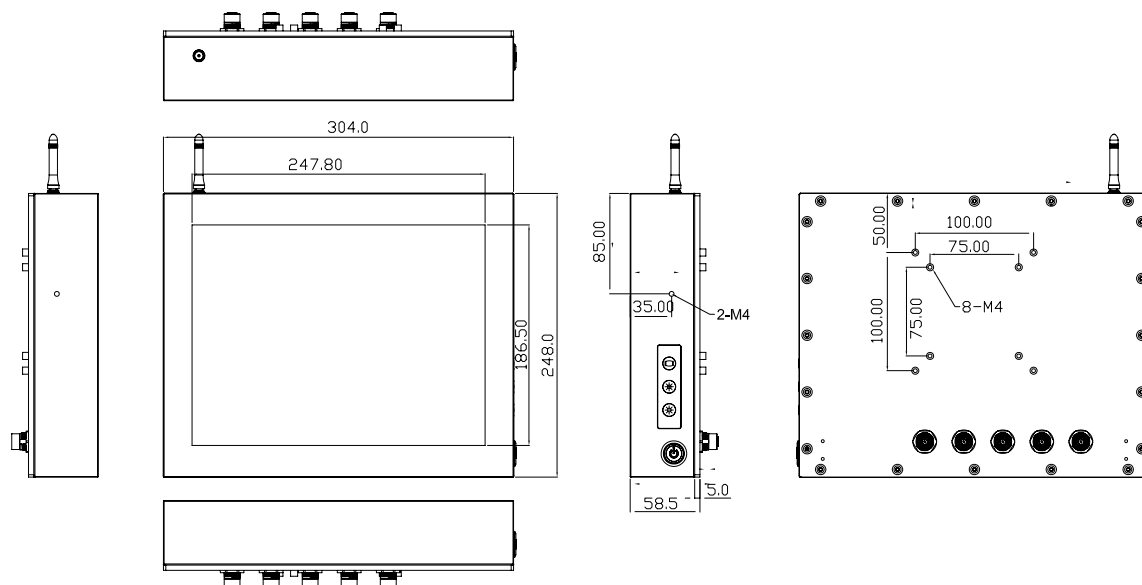
### Sunlight readable type

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

### Normal type

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

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