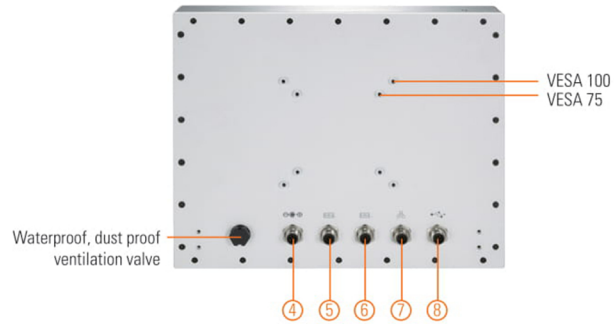


# GOT812LR-834

12.1" XGA TFT IP66-rated Stainless Steel Fanless Touch Panel Computer with Intel® Atom® Processor E3827 and High Brightness (-20°C to +55°C)

## Features

- Sunlight readable 12.1" TFT LCD with low reflection and high brightness (optional)
- IP66 (NEMA 4X) water/dust/corrosion-proof design
- Stainless steel front bezel enclosure with type 316
- Wide operating temperature range of -20°C to +55°C
- Fanless system with Intel® Atom® processor E3827
- Optional Wi-Fi/3G kit for wireless network connectivity
- Flexible and expandable M12 type I/O connections
- Supports suspension and VESA mount



1. Backlight switch
2. Brightness adjust
3. Power on/off
4. DC power connector
5. 1 x RS-232/422/485
6. 1 x RS-232/422/485
7. 1 x LAN
8. 2 x USB 2.0
9. 3 x Wi-Fi/3G antenna (optional, only for RF version)



## Introduction

The 12.1-inch GOT812LR-834 is specially designed for heavy-duty & outdoor applications. Its IP66-rated stainless steel housing protects entire system from outside damage of water, powder and dust. It also supports sunlight readable technology and a wide operating temperature range of -20°C to +55°C. Thus, this robust unit is specifically designed for high humidity, dusty or wet spaces in food factories or kitchens and more harsh applications.

### IP66-Sealed System

The 12.1" GOT812LR-834 adopts a water/dust-proof housing design and five IP66-rated connectors. It passes entire system IP66 test by SGS and verified salt mist test.

### Sunlight Readable Design (optional)

Its sunlight readable technology with LED backlight and 1000 nits of brightness and low reflective touchscreen allow the screen legible even under strong sunlight.

### Wide Temperature (-20°C to +55°C) & Anti-vibration (2G) Design

The 12.1" industrial touch panel PC supports a wide operating temperature range from -20°C to +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" XGA TFT LCD (GOT812LR) 12.1" SVGA TFT LCD (GOT812L)
	Brightness (cd/m <sup>2</sup> )	1000 nits (GOT812LR) 500 nits (GOT812L)
	Resolution	1024 x 768 (GOT812LR) 800 x 600 (GOT812L)
	Viewing Angle (H/V)	160°/140° (GOT812LR/GOT812L)
Main System	CPU	Intel® Atom® processor E3827 1.75 GHz
	Chipset	SoC integrated
	System Memory	1 x 204-pin DDR3L-1333 SO-DIMM dual channel, up to 8GB
	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 CFast™
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX

## Specifications

I/O Connector	2 x RS-232/422/485 (default RS-232) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet (X-Coded)
Expansion Interface	2 x PCI Express Mini Card slot
Touchscreen	5-wire resistive low reflective type
Power Input	9 to 36 VDC
Power Consumption	47W
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)	4.6 kg (10.14 lb)/6.2 kg (13.67 lb)
Operating Temperature	-20°C to +55°C (-4°F to +131°F)
Relative Humidity	10% to 95% @ +40°C, non-condensing
Operation Vibration	2G, 5 - 500Hz, random for 2.5" SSD 2G, 5 - 500Hz, random for CompactFlash™
Certifications	CE

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

## Packing List

1 x GOT812LR-834  
1 x Driver DVD  
1 x DC cable

## Ordering Information

GOT812LR-834-DC	12.1" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom® E3827, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 9 to 36 VDC power input
GOT812LR-834-RF-DC	12.1" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom® E3827, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 9 to 36 VDC power input and Wi-Fi or 3G

\*Specifications and certifications may vary based on different requirements.

## Optional Accessories

822B8120070E	GOT812 keyboard bracket (with keyboard)
822B8120080E	GOT812 suspension kit
594B8122100E	Water-proof COM cable (1.8 m)
594B8122820E	Water-proof USB cable (1.8 m)
594B8122720E	Water-proof LAN cable (1.8 m)
50966224010E	Adapter 24V 90W, M12 A-code 5P FSP090AAAN3

## Optional EOS Installation

WES 7  
WE8S  
Windows® 10 IoT

## Optional OS Installation

Windows® 7  
Windows® 8/8.1  
Windows® 10

## Dimensions

