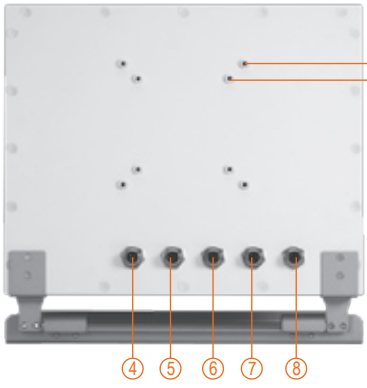
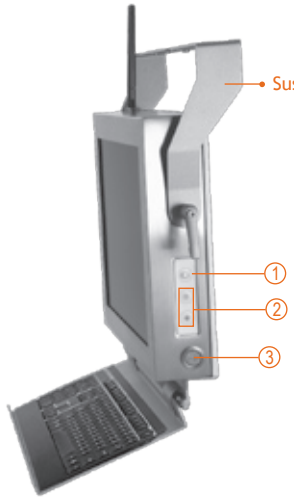
GOT-812

12.1" SVGA TFT IP65-rating Fanless Touch Panel Computer (-20°C ~ +55°C)





Features

Fanless | LOW POWER | Extended Temp.

- 12.1" SVGA high brightness color TFT LCD
- IP65-rating whole system water/dust-proof design
- Fanless system with 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 IP65-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.

IP65-sealed system
The GOT-812 adopts a water/dust-proof housing design and six IP65-rating connectors. It passes entire system IP65 test by SGS and verified salt mist test and marine grade by IEC60945.

Sunlight readable design
Its sunlight readable technology with high brightness 800 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 HDD ensures system reliability and stability.

Specifications

Front Bezel	Stainless type 316	
LCD Panel	Display Type	12.1" SVGA TFT LCD
	Brightness (cd/m²)	800 nits (GOT-812LR) 400nits (GOT-812L)
	Resolution	800 x 600
	Viewing Angle (H/V)	100°/120°
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 2GB

	BIOS	AMI with AXIOMTEK standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SATA HDD or 1 x CompactFlash™
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® 945GSE

* All specifications and photos are subject to change without notice.

I/O Connector	2 x RS-232 (COM 1/2) 2 x USB 2.0 1 x 10/100/1000Mbps Ethernet
Expansion Interface	Mini PCIe card
Touch screen	5-wire resistive low reflective type (GOT-812LR) 5-wire resistive type (GOT-812L)
Power Supply	Internal DC power with 12/24VDC
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" HDD 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	12.1" IP65-rating sunlight readable touch panel computer (800 nits) w/ Intel® Atom™ processor N270
Normal type	
GOT-812L	12.1" IP65-rating heavy-duty touch panel computer w/ Intel® Atom™ processor N270

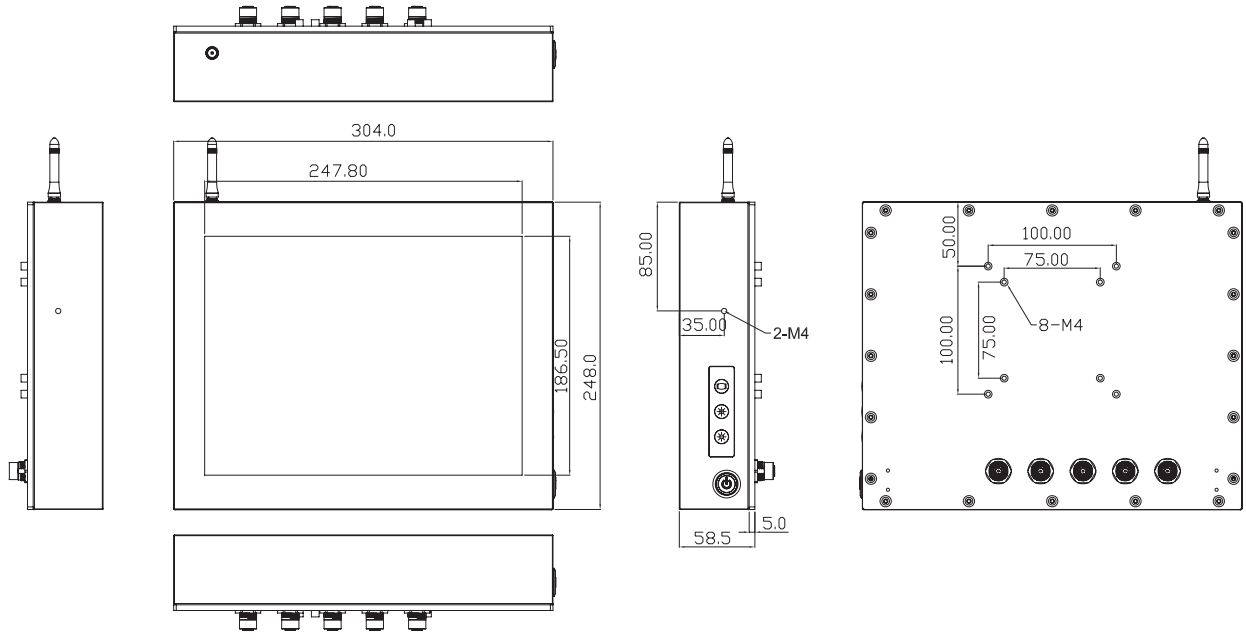
Optional Accessories

802.11a/b/g/n wireless kit
IP65 keyboard kit
Suspension kit
VESA ARM
Water-proof COM port cable kit
Water-proof USB cable kit
Water-proof LAN cable kit
60W power adaptor

Optional EOS Installation

Window® XP Embedded
Window® CE.NET
Linux

Optional OS Installation

Windows® XP

Dimensions