GOT-808

8.5" IP66-rated Vehicle Touch Panel Computer (-20°C ~ +55°C)

Features

Supports Intel Atom inside | IP66 | Fanless | Low Power | Extended Temperature

- 8.5" WVGA (800 x 480) color TFT LCD display
- Fanless operation
- Water/dust-proof design (full enclosure: IP66)
- Orientated ISO7637 9V-36V$_{DC}$ vehicle power supply
- Wide operating temperature range of -20°C ~ +55°C
- Supports VESA mount
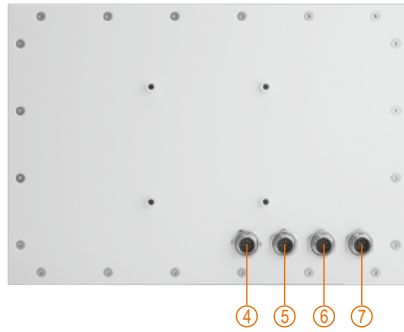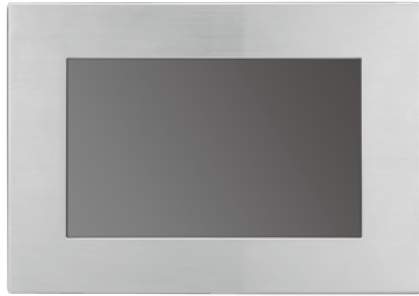
1. Backlight switch
2. Brightness adjust
3. Power switch (ATX)
4. COM 1 (RS-232)
5. Ethernet
6. USB 2.0 x 2
7. DC power connector

Introduction

The GOT-808 is specially designed for vehicle and heavy-duty applications. Its IP66-rated full enclosure protects system from water and dust penetrating under any rugged environment. The GOT-808 outfits vehicle power supply ranging from +9VDC to 36VDC to implement vehicle application. It adopts 16:9 WVGA wide screen LCD panel, providing carefree support with every format of resolution for GPS, navigation and more applications.

IP66-sealed system
The GOT-808 consists of IP66-rated water/dust-proof housing and four IP66-rated connectors designed to protect the entire system from outside damage. It passes whole system IP66 test by SGS and verified salt mist test and vehicle grade by E13 mark.

ISO7637 grade vehicle power supply
The power supply, AX98222, is certified with ISO-7637 power protection standard, which enables the system to get E-Mark certification (E-13). The power supply offers two options of 12VDC and 24VDC, and it supports both ACC on delay and ACC off delay.

Specifications

Front Bezel	Stainless type 316	
LCD Panel	Display Type	8.5" WVGA TFT LCD
	Brightness (cd/m²)	300 nits
	Resolution	800 x 480
	Viewing Angle (H/V)	178° x 178°
Main System	CPU	Intel® Atom™ processor N455 1.66 GHz
	Chipset	Intel® ICH8M

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), customized default saving features
Storage	1 x SSD 1 x CompactFlash™
Watchdog Timer	255 levels, 0~255 sec.
Onboard Graphics	Intel® GMA 3150

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

I/O Connector	1 x RS-232 (COM 1) (optional RS-422/485)
	2 x USB 2.0
	1 x DC
	1 x 10/100/1000Mbps Ethernet
Expansion Interface	1x PCIe Mini Card slot
Touchscreen	Capacitive type (GOT-808CV)
	4-wire resistive type (GOT-808R)
Power Supply	9-36V$_{DC}$
Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temp.:-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, E13 (GOT-808CV)

* Specification and certifications are based on options and may vary.
** W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

| GOT-808CV | 8.5" IP66-rated/capacitive touch panel computer with Intel® Atom™ N455 for vehicle application (E13) |
| GOT-808R | 8.5" IP66-rated/resistive touch panel computer with Intel® Atom™ N455 for general purpose application |

* Specification and certifications are based on options and may vary.

Optional EOS Installation

| Windows® XP Embedded |
| Windows® CE.NET |

Optional OS Installation

| Windows® XP |
| Windows® 7 |