

GOT-808

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



- 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

Supports
Intel Atom

IP66

Fanless

Low Power

Extended Temperature

- Features**
- 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



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		System	1 x 204-pin DDR3 SO-DIMM max.
LCD Panel	Display Type	8.5" WVGA TFT LCD	Memory	up to 2 GB
	Brightness (cd/m²)	300 nits	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customized default saving features
	Resolution	800 x 480		
	Viewing Angle (H/V)	178° x 178°		
Main System	CPU	Intel® Atom™ processor N455 1.66 GHz	Storage	1 x CompactFlash™
	Chipset	Intel® ICH8M	Watchdog Timer	255 levels, 0~255 sec.
			Onboard Graphics	Intel® GMA 3150

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	263 mm (10.35") (W) x 45 mm (1.77") (D) x 184 mm (7.24") (H)
Packing Dimensions	TBD
Weight (net/gross)	2.32 kg (5.11 lb)/3.8 kg (8.37 lb)
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

Overview

Industrial Panel
Computers &
Monitors

Heavy-duty Fanless
Touch Panel
Computers

Digital Signage
Solutions

Healthcare &
Medical Solutions

Open Frame
Panel Computers

Accessories