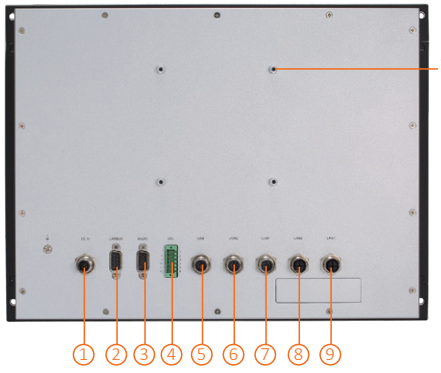
GOT715S NEW

EN 50155 Compliant 15" XGA TFT LCD Railway Fanless Touchscreen Panel PC with Intel Atom® Processor E3845 1.91 GHz (-25°C to +70°C)



1. DC power input
2. CANbus with isolation 1.5kV
3. Audio (line-in, mic-in, speaker-out or line-out)
4. DIO (6-in/2-out with isolation 1.5kV)
5. 2 x USB 2.0
6. 1 x RS-232/422/485 with isolation 1.5kV
7. 1 x RS-232/422/485 with isolation 1.5kV
8. 1 x GbE with isolation 1.5kV
9. 1 x GbE with isolation 1.5kV

Features

- Sunlight readable 15" XGA TFT LCD with 800 nits of high brightness
- Fanless with Intel Atom® processor E3845 1.91 GHz
- All lockable connectors design
- Auto-dimming for different environments
- -25°C to +70°C wide temperature range
- Typical 24 to 110 VDC wide power input range and EN 50155 Class S3 20ms power interruption protection compliant
- EN 50155 design compliance

▲ Side view

Introduction

The EN 50155 railway touchscreen panel PC, GOT715S, is equipped with a 15-inch XGA TFT LCD with high brightness LED backlight (800 nits), which allows a train operator to easily read any operational status messages, even under direct sunlight. Designed for railway application, this all-in-one 15-inch touch panel PC supports various power input from 24 to 110 VDC. This feature-rich panel PC has an IP65-rated front bezel, M12 connectors and EN 50155 design compliance.

Wide Temperature (-25°C to +70°C)

The Intel Atom®-based railway panel PC, GOT715S, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a high brightness display and compact design for heavyduty environments.

Designed for Railway Application

The GOT715S is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling speed, temperature, and security, or for fleet management. To ensure the reliable operation in a variety of different locations, the 15-inch railway panel PC supports various mounting options such as wall mount and VESA mount. Moreover, it is also ready for Windows® 10 IoT and Windows® 10, and 7.

Specifications

Front Bezel	IP65-rated aluminum front bezel and IP40-rated rear protection	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m^2)	800 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Intel® Atom® processor E3845 1.91 GHz (Bay Trail)
	Chipset	SoC integrated
	System Memory	DDR3L 4GB onboard
	BIOS	AMI
	Storage	16GB flash onboard
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
I/O Connector	2 x Isolated M12 A-coded RS-232/422/485 (isolation level 1.5kV) 2 x Isolated M12 X-coded GbE (isolation level 1.5kV) 1 x M12 A-coded USB 2.0 (2 port signal) 1 x M12 A-coded DC-in 1 x DB15 audio line-in, mic-in, speaker-out or line-out 1 x Isolated terminal block DIO (6-in/2-out, isolation level 1.5kV) 1 x Isolated DB9 CANbus (isolation level 1.5kV)	
Expansion Interface	2 x PCI Express Mini Card slot (slot2 for mSATA use only)	
Touchscreen	5-wire resistive touchscreen	
Power Supply	Typical 24 to 110 VDC EN 50155 S3 20ms power interruption protection	
Power Consumption	24-110VDC,1.28-0.26A	
Dimensions	400 mm (15.75") (W) x 61.5 mm (2.42") (D) x 300 mm (11.81") (H)	
Packing Dimensions	520 mm (20.47") (W) x 196 mm (7.72") (D) x 552 mm (21.73") (H)	
Weight (net/gross)	4.03 kg (8.89 lb) / 6.43 kg (14.18 lb)	
Operating Temperature	-25°C to +70°C (-13°F to +158°F)	
Relative Humidity	10%- 95% @ +40°C, non-condensing	
Certifications	CE/FCC Class A, EN 50155 compliant	

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

Ordering Information

GOT715S-RA-M (P/N: E22B715S00)	15" XGA railway fanless touch panel computer with Intel Atom® E3845, sunlight readable LCD (800 nits), 5-wire resistive touchscreen, 24 to 110 VDC power input

*Specifications and certifications may vary based on different requirements.

Packing List

1 x GOT715S unit
1 x Phoenix connector

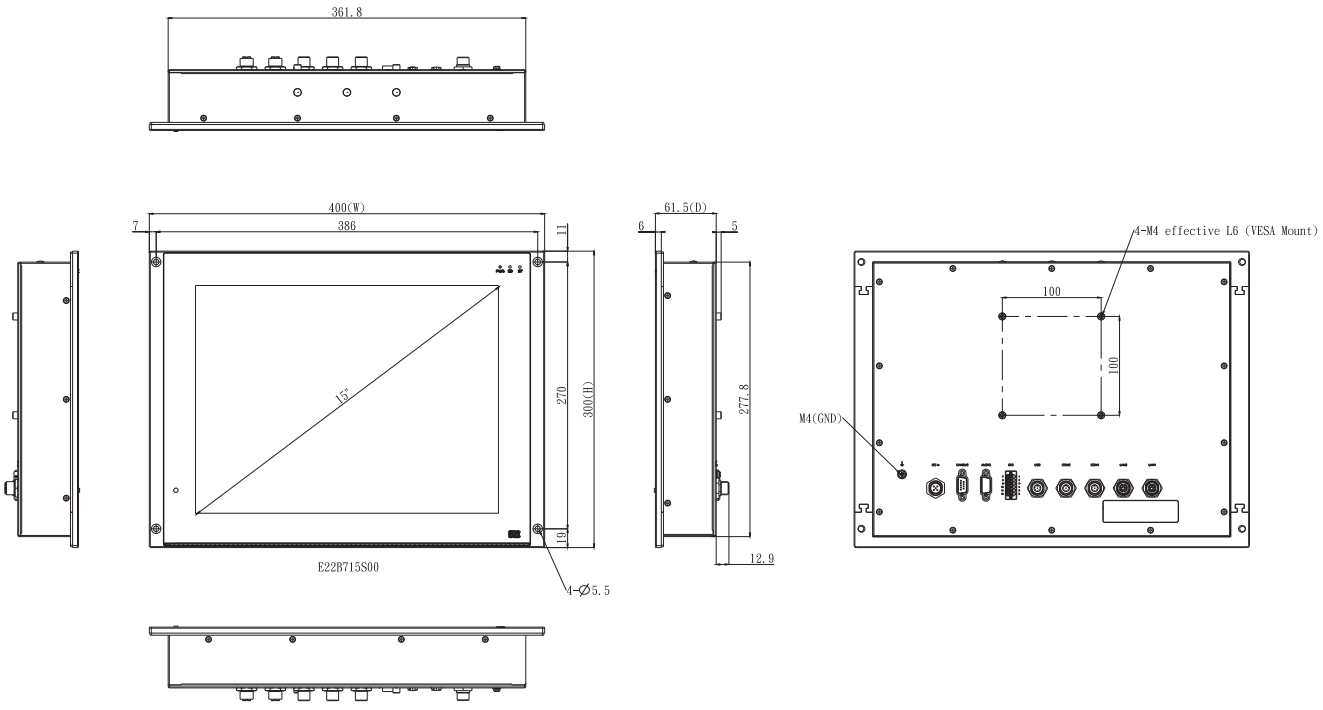
Optional Accessories

822B7100140E	GOT71X 3G+GPS kit
8812B7100A0E	GOT71X Wi-Fi kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 cable
594B7102700E	M12 X-coded LAN cable
594B7100B00E	M12 DC-in power cable with ACC signal, length 1.8M

Optional EOS Installation

WES 7
Windows® 10 (IoT)

Optional OS Installation

Windows® 7
Windows® 10
Windows® 10 IoT

Dimensions