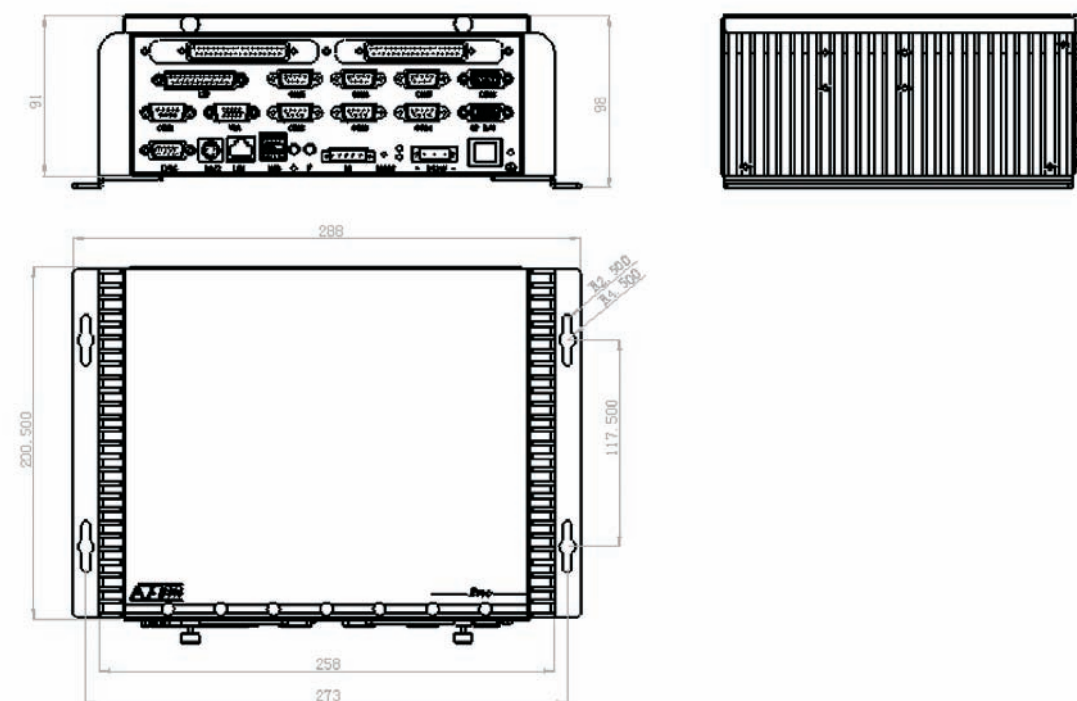


AFC-3806

Rugged automatic measurement & control computer for AFC system equipment of rail transit



Dimensions



1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories



Introduction

AFC-3806 is a complete PC specifically designed to target metro AFC equipment of metro industry, in which the manufacturer EVOG company has had years of experience. The product integrates features of AG and TVM equipment, contains C-M 600M/1.0G processor and 1G memory, and possesses multiple serial ports and expansible I/O ports. The PC also features small form factor, surface processed with spray coating, elegant and sleek appearance, and fanless design. All the components used are highly reliable industrial-grade components. The rugged industrial-grade design philosophy and the open system architecture specially designed for rail transit makes this product a preferred choice for AFC system equipment of metro industry.

Specifications

Digital input/output

Digital input channel	Extendable to 32 channels
Input voltage range	TTL~48V
Output channel	Extendable to 32 channels
Output voltage range	TTL~36V
Isolation voltage	2500KV
Output load drive capability	One channel supports up to 100mA, and can directly drive relay

Communication Method

LAN port	1 x 100M Ethernet controller
Serial port	8 serial ports (Two support RS232/422/485)
Infrared	1 x Infrared
USB	2 x USB2.0 port
Parallel port	1 x LPT
Audio	AC'97 audio
Keyboard/Mouse	1 x PS/2

Display control

Type	VGA and LVDS dual display
Port	DB15

Hardware

CF card	4GB
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Data Storage

Processor	Onboard Celeron-M 600M/1.0G processor
Memory	1GB

Software

Operating system	Embedded XP Operating System
Configuration software	Preinstalled EVOG EAS-INSPEC configuration software

Mechanical Characteristics

Dimensions	200mm x 258mm x 98mm
Mounting	Desktop; wall mount
Reliability	MTBF ≥ 50000h

Environmental Performance

Operating temperature	-10℃ ~ +55℃
Storage temperature	-40℃ ~ +60℃
Humidity	5% ~ 90%

Ordering Information

Model Number	Description
AFC-3806	Rugged automatic measurement & control computer for AFC system equipment of rail transit/Extendable to 64-point and 8 serial ports/Low power CM series CPU/1G memory/8 x serial port/Extendable 32-channel isolated digital input/Extendable 32-channel isolated digital output