PCS-8277

coreboot

FEATURES

- AMD G-T56N Dual Core APU with Radeon HD 6310
- Supports AMD Coreboot technology for fast boot feature
- Wireless communication support 3.5G, WLAN, GPS, GSM/GPRS, Bluetooth
- 9V - 32V DC Power Input
- Smarter Vehicle Power Ignition for Variety Vehicle
- Support 3 x RS-232 (2 with RS-422/485)
- Support 4 x DI / 2 x DO with Relay 12V / 80mA
- Support 1 x CAN Bus 2.0B (Optional)

ORDERING GUIDE

Standard	PCS-8277
	PCS-8277: AMD® G-T56N 1.6GHz onboard processors with Radeon HD 6310 Graphic Chipset, support DDR3 SO-DIMM up to 8GB

SYSTEM

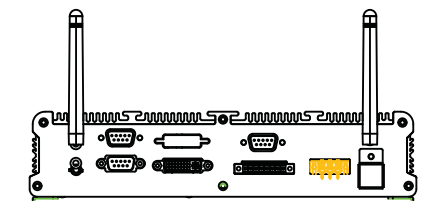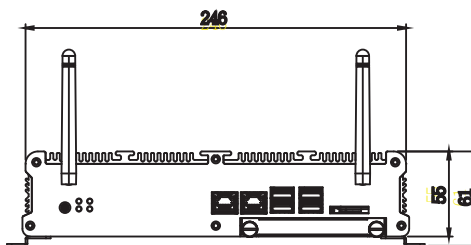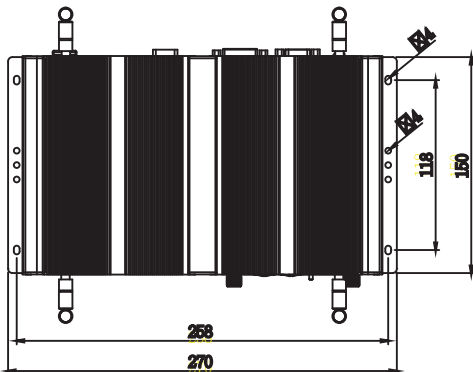|	
CPU	AMD G-T56N Dual Core 1.6GHz
System Memory	DDR3 1066MHz SO-DIMM x 2; 1GB installed, expandable up to 8GB
Chipset	AMD A55E Controller Hub
Graphics	AMD G-T56N Radeon HD 6310
	Up to 2045 x 1560 @85Hz, 1 x DVI-I and 1 x VGA Output
LAN Chipset	2 x Realtek RTL8111E Gb/s Ethernet onboard, Support PXE
IrDA	IrDA (SIR, Consumer IR) with TTL level
Audio	Realtek ALC662 HD Codec onboard
Expansion	2 x 2.5" drive bay for SATA Type Hard Disk Drive / SSD
SIM Card Socket	1 x SIM Card socket supported onboard with eject

I/O

MIO	3 x RS-232 (2 with RS-422/485)
DIO Port	4 in and 2 out with Relay 12V / 80mA
USB	4 x USB 2.0 Ports on Front I/O

Mechanical

Construction	Aluminum alloy
Mounting	Supports both of wall-mount
Weight	1.5 kg (bare-bone)
Dimensions	250 x 150 x 55 mm
MTBF	109,600 hours at 30°C
Operating Temperature	Extended: -30°C to +60°C
Vibration	2.5g@5-500 Hz with SSD (random), MIL-STD-810F, Method 516.5, Category 20, Ground Vehicle-Highway
Shock	Operating: MIL-STD-810F, Method 516.5, Procedure I, Trucks and semi-trailers = 40G (11ms), Non-Operating 80G with SSD