FleetPC-5

AMD G-T56N Dual Core APU with Radeon HD 6310 On-Board Computer

Features

- AMD G-T56N Dual Core APU with Radeon HD 6310
- 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 2 x DI / 2 x DO with Relay 12V / 80mA
- Support 1 x CAN Bus 2.0B

System

CPU	AMD G-T56N Dual Core 1.6GHz
	AMD G-T44R Single Core 1.2GHz (Optional)
Memory	2 x DDR3 1066MHz SO-DIMM up to 8GB
Chipset	AMD A55E Controller Hub
Graphics	AMD G-T56N Radeon HD 6310 / G-T44R Radeon HD 6250
LAN Chipset	2 x Realtek RTL8111E Gb/s Ethernet onboard
	Support WOL, PXE
Audio	Realtek ALC662 HD Codec onboard
Watchdog	1 ~ 255 Level Reset

Power Requirment

Power Input	9V - 32V DC Power Input
Power Protection	Automatics Recovery Short Circuit Protection
Power Management	Vehicle Power Ignition for Variety Vehicle
Power Off Control	Power off Delay Time Setting by Software, Default is 5 Mins
Battery	Internal Battery Kit for 10 Mins Operating (Optional)

Graphics

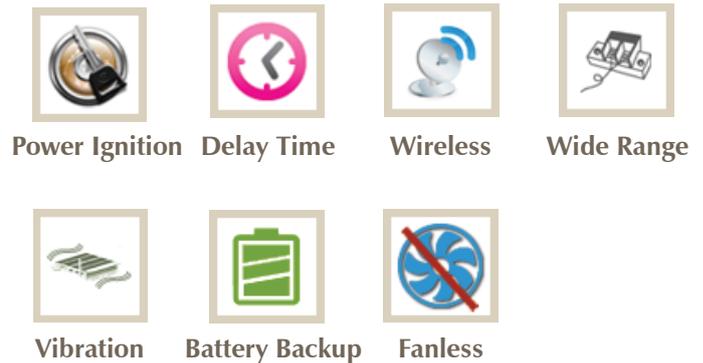|	
Graphics	AMD G-T56N Radeon HD 6310 / G-T44R Radeon HD 6250
	2 X DVI-I connectors on rear I/O (2nd DVI-D only)
Resolution	Up to 2045 x 1560 @85Hz

Storage

Type	2 x 2.5" drive bay for SATA Type Hard Disk Drive / SSD

Qualification

Certifications	CE, FCC Class A, eMark

Spotlight

Power Ignition Delay Time Wireless Wide Range

Vibration Battery Backup Fanless

Applications

Bus

Train

Marine

Police Car
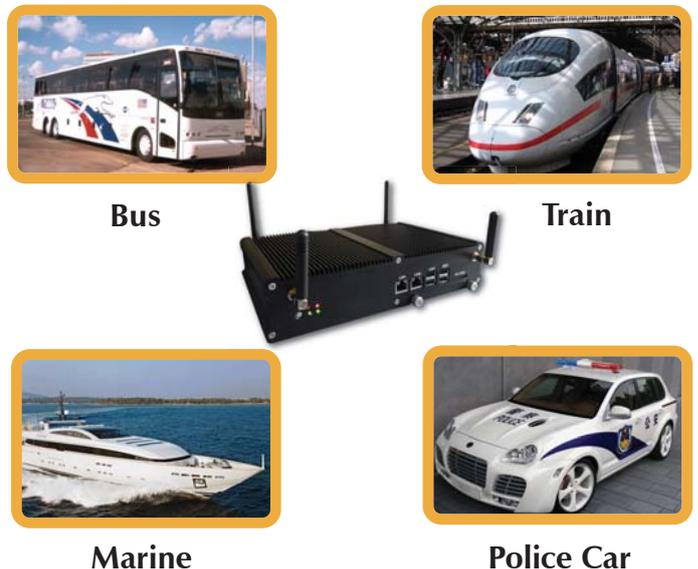
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I/O

Serial Port	3 x RS-232 (2 with RS-422/485)
USB Port	4 x USB 2.0 Ports on Front I/O
LAN	2 x RJ45 Ports for GbE
Video Port	2 x DVI-I Output (2nd is DVI-D only)
DIO Port	2 in and 2 out with Relay 12V / 80mA
Audio	2 x Line-out (Default is 1 on Rear I/O)
SIM Card Socket	1 x SIM Card socket supported onboard with eject

Environmental

Operating Temp.	-30 ~ 60ºC (SSD), ambient w/ air
Storage Temp.	-40 ~ 80ºC
Relative Humidity	10 ~ 95% (non-condensing)
Vibration(random)	2.5g@5~500 Hz with SSD
Vibration Operating	MIL-STD-810F, Method 514.5, Category 20, Ground Vehicle-Highway
Truck Storage	MIL-STD-810F, Method 514.5, Category 24, Integrity Test
Shock	Operating: MIL-STD-810F, Method 516.5, Procedure I, Trucks and semi-trailers=40G(11ms), Non-Operating 80G with SSD
Crash Hazard	MIL-STD-810F, Method 516.5, Procedure V, Ground equipment=100g

Mechanical

Construction	Aluminum alloy
Mounting	Supports both of wall-mount/VESA-mount
Weight	1.5 kg (bare-bone)
Dimensions	235 x 155 x 55 mm

Ordering Information

Part Number	FleetPC-5
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Drawing