FleetPC-8-i7C

Intel Gen6 Core i7-6600U CPU with 4 x GbE LAN On-Board Computer

intel inside CORE i7

Windows® Embedded Partner

Delay Time

Power Ignition

Wide Range

Wireless

Battery backup

Taiwan Patent No. M447854
Taiwan Patent No. M448011

Features

- Intel Core i7-6600U
- Wireless support LTE w/ Dual SIM Cards, WLAN, GPS Dead Reckoning, WiFi, BT (Optional)
- 9V - 48V DC Power Input
- Smarter Vehicle Power Ignition for Variety Vehicle
- Dual Hot Swappable SATA Storage, RAID 0,1,5
- 1 x CAN Bus 2.0B (Optional)

System

CPU	Intel Gen 6 Core i7-6600U 2.6GHz up to 3.4GHz
	Intel Gen 6 Core i5-6300U 2.4GHz up to 3.0GHz
	Intel Gen 6 Core i3-6100U 2.3GHz
	Intel Gen 6 Dual Core 3955U 2.0GHz
Memory	2 x DDR4 2133 MHz SO-DIMM up to 32GB
Chipset	Intel 6th Generation Core SoC Processor
LAN Chipset	Intel I210-AT Gb/s Ethernet Controllers Onboard
	Support PXE and WOL
Audio	Realtek ALC662 HD Codec Onboard
Watchdog	Watchdog Timer Support, Offer 1 – 255 Step
TPM	2.0

I/O

Serial Port	4 x RS-232 (2 with RS-422/485 (Auto Direction Control))
USB Port	2 x USB 3.0 Ports, 2 x USB 2.0 Ports
LAN	4 x RJ45 Ports for GbE (1 port with iAMT)
Video Port	1 x DVI-I*, 1 x VGA and 1 x DP
	(support Triple Independent Display)
DIO Port	4 In and 4 Out
Audio	1 x Line-out and 1 x Mic-in (Line-in Optional)
SIM Card Socket	2 x SIM Card Sockets Supported Onboard with eject
Expansion Bus	3 x mini-PCIe cards, 1 x M.2 2230 A-E Key

* Use only with Single Link DVI Cables.

Graphics

Graphics	Intel® HD Graphics 520
	DirectX Video Acceleration (DXVA) for Accelerating Video
	Processing - Full AVC/VC1/MPEG2 HW Decode
	Supports DirectX 11/10.1/10/9 and OpenGL 4.0
Resolution	Max Resolution (HDMI1.4) : 4096x2304@24Hz
	Max Resolution (DP) : 4096x2304@60Hz

Storage

Type	2 x 2.5" Drive Bay for SATA Type HDD/SSD, RAID 0, 1, 5
	1 x SATA DOM

Power Requirement

Power Input	9V - 48V 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 BIOS and Software
Battery (UPS)	Internal Battery Kit for 10 Mins Operating (Optional)
	Patent No. : M447854 - Build-in Battery

Environmental

Operating Temp.	-40ºC ~ 70ºC
Storage Temp.	-40ºC ~ 85ºC
Relative Humidity	0% RH – 95% RH
Vibration(random)	IEC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis with SSD
Vibration Operating	MIL-STD-810G, Method 514.6, Procedure I, Category 4
Shock	Operating: MIL-STD-810G, Method 516.6, Procedure I,
	Trucks and semi-trailers=15G (11ms) with SSD
Certifications	CE, FCC Class A, E-13

Mechanical

Construction	Aluminum Alloy
Mounting	Supports Both of Wall-mount/VESA-mount
Weight	1980 g (Barebone)
Dimensions	250 x 150 x 55 mm

Ordering Information

Part Number	FleetPC-8-i7C
Description	Intel Gen6 Core i7-6600U CPU with 4 x GbE LAN
	On-Board Computer