

SIMtec IPC SIM-I67

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



- Intel Gen 6 Core i7-6600
- Wireless support LTE, 3G w/Dual SIM card
- WLAN, GPS Dead Reckoning & G-Sensor, GSM/GPRS,BT
- 9~48V DC power input
- Smarter vehicle power ignition for variety vehicle
- Support Dual hot swappable SATA storage, RAID 0,1,5

System

CPU Intel Gen 6 Core i7-6600U 2.6GHz up to 3.4GHz

Memory 2 x DDR4 2133 MHz SO-DIMM up to 32GB

Chipset Intel 6th Generation Core SoC processor

Graphics Intel HD Graphics 520
DirectX video acceleration (DXVA) for accelerating video processing - full AVC/VC1/MPEG2 HW decode
Support DirectX 11/10.1/10/9 and OpenGL 4.0

Resolution Max. resolution (HDMI 1.4): 4096 x 2304 @ 24Hz
Max. resolution (DP): 4096 x 2304 @ 60Hz

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 RS422/RS485 (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 + VGA connectors on rear I/O
1 x DP Port connector on rear I/O
(Support triple independent display)

*** Use only with single Link DVI cables**

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 socket supported onboard with eject

Expansion bus 3 x mini-PCIe cards, 1 x M.2 2230 A-E key

Storage

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

WLAN (optional)

GPS Built-in uBlox GPS with 3m extended antenna cable

3G Built-in 3G/LTE module

WiFi Built-in 802.11b/g/n WiFi

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 software and BIOS

Battery Internal battery kit for 10 minutes operating (optional)

Environmental & Mechanical

Operating temp. -40°C ~ 70°C (SSD), ambient w/air (default CPU 17W)

Storage temp. -40°C ~ 85°C

Relative humidity 0% RH - 95% RH

Vibration (random) IEC60068-2-64, random, 2.5g @5-500 Hz 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 1980g (bare-bone)

Dimension 250 x 150 x 56mm



simava.com
021-41352000
43391(Call center)

