

I-VC5



Features

- Fanless Design
- Supports 8 Serial Ports (6x RS232, 2x RS-232/422/485)
- Supports 10x USB 2.0 Ports
- Onboard Gigabit LAN
- Removable 2.5" HDD Tray
- Support VGA and LVDS dual independent display
- 2x Mini PCI-E slot for G Sensor, WLAN and 3G (HSDPA/GPS/GRPS) optional module

Specifications

Video System	
Video Standard	Composite for NTSC/PAL
Video Input	2 Channel
Capture Resolution	D1 (NTSC: 720x480; PAL: 720x576)
Max. Recording Rate	30/25 fps(NTSC/PAL) for each channel
Display Rate	30/25 fps(NTSC/PAL) for each channel
Video Compression	H.264
Live Display	2 Channel D1, 2 Channel CIF
Resolution for each channel	Max. 640x480 (Adjustable)
Process & System	
CPU	Intel® N450 1.66GHz
Chipset	Intel® ICH8M
L2 Cache	512KB
BIOS	AMI BIOS, Support ACPI Function
Graphic Controller	
Chipset:	Intel® ICH8M Integrated Graphics Controller Luna Pier supports DirectX 9 Graphic (200MHz) OpenGL 1.4
Display Interface	VGA & 18bits LVDS
Memory	Single Channel DDR2 667 MAX. Capacity: 1GB Socket: 1x 200-pin SO-DIMM (w/o ECC)
Ethernet	Interface: Gigabit LAN Controller Controller: Realtek®RTL8111DL Connector: 1x RJ45
Audio	Intel® ICH8M built-in audio controller w/ Realtek ALC662 Codec, supports 5.1 CH audio (Line-out, Line-in & MIC)

Storage	1 x 2.5" Removable HDD Tray 1x 2.5" HDD Drive Bay 1x CF Socket
Power Supply	Input Voltage: DC 6~36V Minimum Input Voltage: 6 VDC Main Switch & Fuse Protection Power Ignition On/Off control
Expansion Slot	1x PCI-104 slot, 2x Mini PCI-E slot, 1x CF Socket w/ lock
Mechanical	Construction: Aluminum &SGCC Color: Black Dimension: 207.8mm (W) x 70mm (D) x 224.7 mm (H)
Communication Device	WLAN: 802.11 b/g WLAN miniPCIe Module (Optional) GSM/GPRS/GPS/HSDPA: Cinterion HC25 (Optional)
Others	Digital I/O: 4-In/4-Out Camera x 2 for 2 CH Video Recording G Sensor Module: IBD35E (Optional) UPS (Battery Charger Module_ID465) SIM Slot



Remarks: 1. ODM/OEM is available
2. Specifications are subject to change without prior notice.

- 1 Motherboards
- 2 Disk-Size SBCs
- 3 CPU Modules
- 4 PC/104 Pulse
- 5 CPU Card
- 6 Embedded Systems
- 7 Network Security Appliances

I-VC5

Environmental

Operating Temperature	-20°C~ 60°C (-4°F~140°F)
Storage Temperature	-40° ~ 80°C
Relative Humidity	95% @ 40°C, (non-condensing)
Vibration & Shock	Vibration: 3G @ 5~500 Hz random w/ CF &SSD 2G @ 5~500Hz random w/ Automotive HDD Shock: MIL-STD 516.6

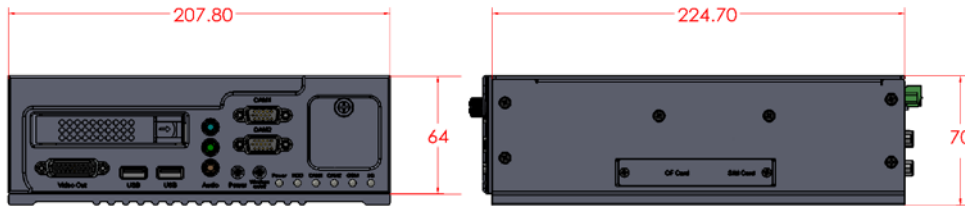
Ordering Information

I-VC5	Intel® Atom™ N450 (1.66GHz) CPU, 1GB DDR2, 2.5" RMHDD, 8x COM, Video Out, VGA, 2 CH Video Recording and Battery Charger Module
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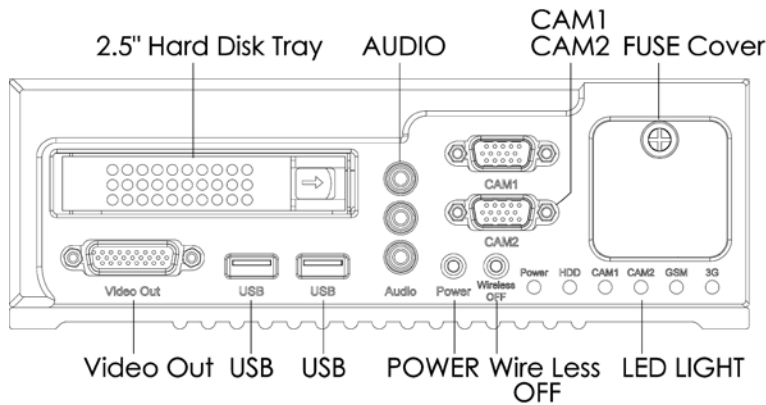
Optional Items

WLAN	802.11 b/g Module w/ Antenna
3G Module	Cinterion HC25 w/ Antenna
G Sensor Module	IBD35E

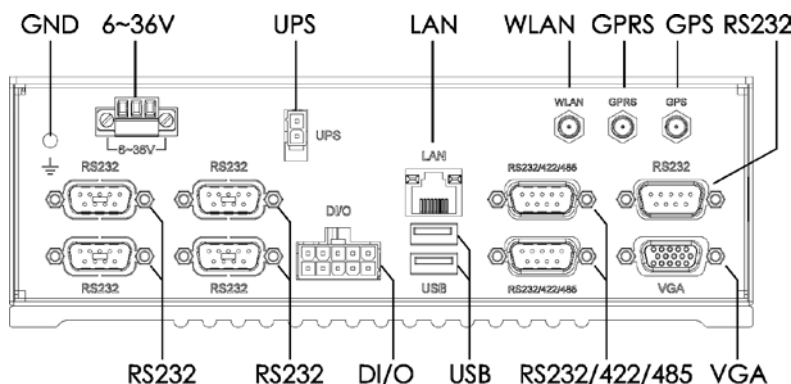
Dimensions



Front Panel External I/O



Rear Panel External I/O



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