

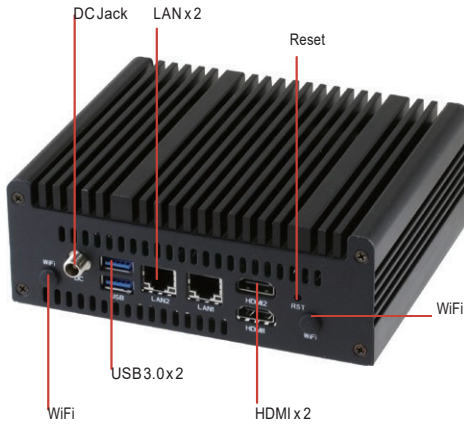
1 ImagePoint iGEN™

Turn-Key Genetec VMS Server

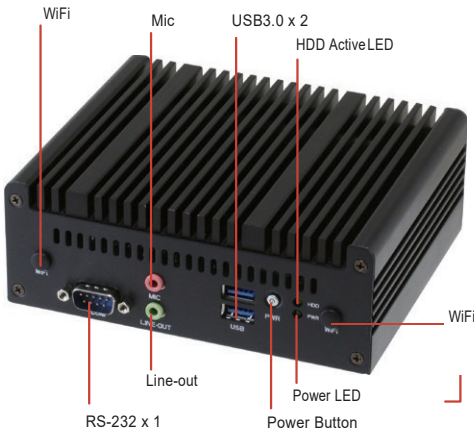
Fanless Server with 6th Generation Intel® 15W Processor, 2 HDMI and 2 LAN Ports



Front View



Rear View



Bottom View



iGEN™ Features

- 6th Generation Intel® 14nm ULT Core- i7/i5 @ 15W BGA Processor
- Dual Gigabit Ethernet
- Dual HDMI Ports
- USB 3.0 Port x 4
- Robust Outdoor Environment Computing Solution



Specifications

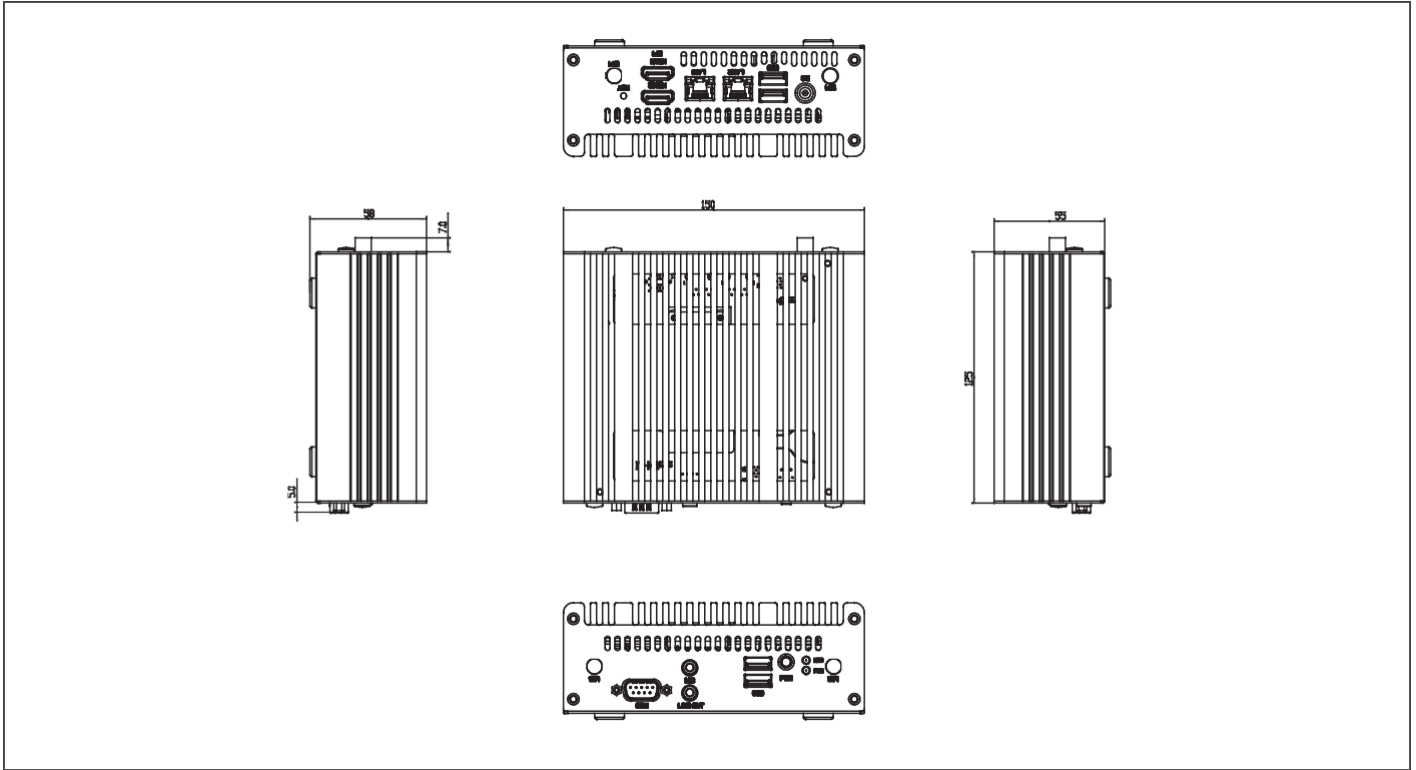
System	
CPU	6th gen. Intel® 14nm ULT Core, BGA CPU, 15W TDP. i7-6600U 2C/4T GT2 2.6/3.4 GHz 4M/ i5-6300U 2C/4T GT2 2.4/3.0 GHz 3M/
Chipset	Integrated into SoC
System Memory	SODIMM x 2, max. 32 GB, DDR4 2133/1867 MHz non-ECC, un-buffered memory
I/O Chipset	NCT5538D
Storage Devices	M.2 2280 M-Key slot (PCIe[x4]+SATA) x 1
Ethernet	Realtek 8111G Giga LAN 10/100/1000Mb LAN x 2, RJ-45 x 2
Audio	Realtek® ALC887
TPM	—
Expansion Slots	M.2 2230 E-Key slot (PCIe + USB) x 1
BIOS	128Mbit Flash ROM, AMI BIOS
H/W Monitor	Temperature Monitor on CPU/System, Voltage Monitor on Vcore/5V/3.3V/12V, Fan Monitor on Chassis
Watchdog Timer	1~255 steps by software program
Smart Fan Control	Chassis Fan
Wake On LAN / PXE	Yes (WOL / PXE)
Power State	S3, S4, S5
Graphics	
Graphics Chipset	Integrated Graphics
Resolution	HDMI 1.4 up to 4096x2160@24Hz
Brightness Control	—
Graphics Multi Display	HDMI+HDMI
Environment & Power & ME	
Battery	Lithium battery
Power Requirement	DC Power x 1 (DC: 12V~19V, wide range: 12V-5%~ 19V+10%)
Operating Ambient Temp.	FANLESS : -40°C~60°C
Operating Humidity	20%~95%RH, non-condensing
Certificate	CE & FCC class A
Form Factor	PICO ITX: 4.72" x 4.72" (120mm x 120mm)
Weight	2 lbs
Front I/O	
USB	USB 3.0 port x 2
Audio	Audio Jack x 2: Line-out (green), Mic-in (pink)
Serial port	COM port RS-232
Power	On/Off Button x 1
Others	Power LED + HD LED x1
Rear I/O	
USB	USB 3.0 port x 2
Display I/O	HDMI Connector x 2
LAN I/O	RJ-45 Connector x 2
Others	Reset Button x 1, DC Power Jack x 1
Internal I/O	
Storage	M.2 2280 M-Key slot x 1
FAN option	Chassis Fan connector x 1 (3-pin, p=2.00mm)
Others	Reset Switch 2-pin header x 1, power button 2-pin header x 1, M.2 2230 E-Key slot x 1
Operating System	
MS Windows, Linux	Windows® 10 PRO 64 bit, Windows® 8.1 64 bit, Windows® 10 LTSB 64 bit, Linux Fedora 22 (64b)

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Dimension

Unit: mm



Hardware Ordering Information

Part Number	CPU	RAM Module	Display	Cooler	M.2 Storage	LAN	USB	Serial Port	Expansion Slot	Power	Mounting
IGENI5	15		HDMI x2	Convection		1GB x2	USB 3 x 4	RS232 x1	For WI-FI	12v DC	integrated
IGENI7	17		HDMI x2	Convection		1GB x2	USB 3 x 4	RS232 x1	For WI-FI	12v DC	integrated
IGENRAM8		8									
IGENRAM16		16									
IGENRAM32		32									
IGENSSD500					512 Gb						
IGENSSD1000					1TB						

Software Ordering Information

Windows 10 PRO 64bit - product# IGEN10PRO

Windows 10 LTSB 64bit - product# IGENLTSB

Linux Fedora 22 - product# IGENLIN

Genetech SC 5.7- product# IGEN5.7VMS

Optional Accessories

WI-FI MODULE with Dual Antennas – Part# IGENWIFI

