

Front View

Launching in Q1

Rear View

Features

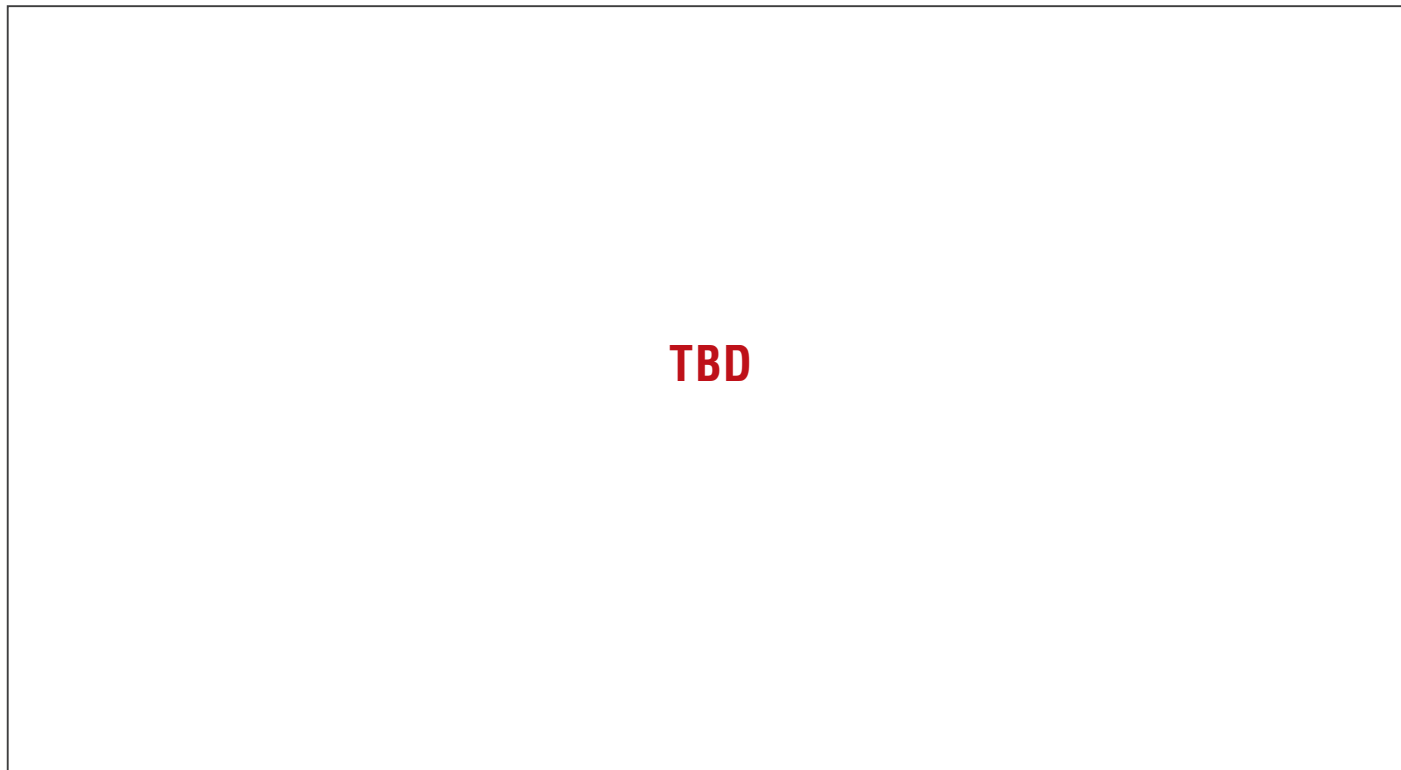
- Intel® Atom® x5-E3940 Processor
- The Gen 3 Intel® Movidius™ VPU inside (formerly Keem Bay)
- Supports DDR4 SODIMM up to 64 GB
- Supports Two Display by HDMI x1, DP x 1
- Intel® Giga Ethernet x 5 Ports, including 4 x PoE Ports, 1 x LAN
- 8 bits DIO (Isolated 4DI & 4DO / 8DI/ 8DO by BOM option)

Specifications

System	
Form Factor	Multi-PoE & Fanless Appliance
Processor	8th Gen Intel® Core™ (formerly Whisky Lake)(Default: i7-8665UE; Project base: i5-8365UE, i3-8145UE or 4305UE)
Chipset	The Gen 3 Intel® Movidius™ VPU M.2 2280 (formerly Keem Bay)
Main Memory	Up to 64GB, DDR4 260-pin SODIMM
Display	HDMI x 1, DP x 1
Ethernet	GbE x 1, Intel i211, support Wake on LAN and PXE supported
Smart PoE	4 ports, IEEE 802.3 at/af, sharing 60W of power budget for every four PoE ports. Able to power management in each independent PoE port (SDK available)
RAID support	0/1
Expansion Slot	mPCIe Full-Size x 1 (USB+PCIe) mPCIe Full-Size x 1 (USB+SATA) colay SATA
GPS, G-Sensor	—
Front I/O Panel	RJ45 Smart PoE Port (60W) x 4 USB 3.2 Gen 1 x 4, Giga LAN x 1 DP x 1 Power button Status LED, HDD LED, Wireless LED Micro SIM slots x 2 Antenna holes x 2
Rear I/O Panel	jack for Line out & MIC in x 1 HDMI x 1 RS-232/422/485 x 2 (Isolated by BOM option) HW Reset x 1, 3pin Power input x 1 8 bits DIO (Isolated 4DI & 4DO / 8DI/ 8DO by BOM option) Antenna holes x 2
Storage	
HDD Tray	2.5" HDD/SSD Bay x 2
CF/CFast/mSATA Slot	—
Environmental	
Operating Temperature	TBD
Storage Temperature	-40°F ~ 185°F (-40°C ~ 85°C)
Storage Humidity	10%~80% @40°C, non-condensing
Vibration/Shock	MIL-STD-810G
Certification	CE & FCC Class A
Power Requirement	
Power Supply	DC 12-24V
Mechanical	
Removable HDD Tray	—
Internal System HDD Bay	—
Dimension	TBD
Gross Weight	TBD
Note	—

Dimension

Unit: mm



Ordering Information

Part Number	Chipset	RAM	Cooler	Storage	RAID Support	Display	LAN	PoE	USB	RS-232	RS-232/422/485	Expansion Slot	Form Factor	Power
VPC-5620S-AI-A10-00	Intel® i7-8665UE	260-pin SODIMM	Fanless	Supporting 2.5" SSD x 2 (Optional SKU for supporting 2.5" SSD x 1, mSATA x 1)	Intel® Movidius™ KeemBay	DP x 1, HDMI x 1	GbE x 1	4 Ports	USB 3.2 Gen1 x 4	—	2	Mini-Card x 2	Desktop	DC 12-24V

Packing List

- VPC-5620AI

Optional Accessories

- **9741236A00**
WiFi module kit, 802.11ac/a/b/g/n.BT4.2.USB Signal.SparkLan.WPET-236ACN(BT).W/2 sets of cable&antenna
- **978966660G**
GPS Antenna
- **9741EG25G0**
PCIe mimi card 4G LTE module kit Global Band W/SIM holder w/ Cable & antenna
- **1702031803**
Power Cord.3P-250V 10A 180D.1.8M.VDE.FAN-JET.YP-22/YC-12 (Euro)
- **1702031802**
Power Cord.3P-125V 10A 180D.1.8M.USA.FANJET.YP12/YC-12 (USA)
- **170203180E**
Power Cord. 3P. 125V/7A. 1. 8M. PSE YP12/YC12 Certification (JPN)