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Datasheet

## RUGGED PC

V3N-RPC-01

RUGGED PC is a small form factor embedded PC based on Intel ATOM /Core i3 / i5 Processor. The system supports VGA, HDMI, 2GbE LANs, 4 USB, and Audio. The high performance CPU and graphic of this slim computer fits perfectly for Military, KVM switch, kiosk, network security and other industrial computer applications.

### Features

- LGA1151 7th/6th gen Intel® Core™ i7/i5/i3/ ATOM processor ( Kaby Lake / Sky lake)
- Intel® H110 chipset. (Q170 optional)
- 1 DDR4 SO-DIMM for up to 32GB of memory.
- 2 USB 2.0 and 2 USB 3.0.
- Intel® AMT 11 supported. (optional)
- Dual view for H110 chipset; triple view for Q170 chipset.



# System Specifications

## General

CPU	LGA1151 socket for 7th/6th gen Intel® Core™ i7/i5/i3/ATOM processor (TDP=35W only)
System Memory	1 x 260-pin DDR4-2400 SO-DIMM, up to 16GB
Chipset	Intel® H110, Intel® Q170 (optional)
BIOS	AMI
Storage	1 TB SSD
Watchdog Timer	255 levels, 1 to 255 sec.
Display	1X VGA, 1X HDMI
Battery	Lithium 3V/220mAH
Power	230V AC
AT	Auto Power On function supported
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Humidity	10% to 95% relative humidity, non-condensing

## Inputs and Outputs

SATA	1 x SATA-600
Ethernet	1 x 10/100/1000 Mbps Ethernet with Intel® i211-AT; supports Wake-on-LAN, PXE Boot ROM
	1 x 10/100/1000 Mbps Ethernet with Intel® i219-LM; supports Wake-on-LAN, PXE Boot ROM
Audio	HD Codec audio as MIC-in/Line-in/Line-out with Realtek ALC662
USB	2 X USB 3.0 , 2X USB 2.0
Serial	2 X RS232

## Ordering Information

Part Number	Processor	Storage	RAM
V3N-RPC/ ATOM / 1TB/ 8GB	Intel Atom processor	1 Terabyte HDD	8 Gigabytes
V3N-RPC/ i3 / 1TB/ 8GB	i3 processor	1 Terabyte HDD	8 Gigabytes
V3N-RPC/ i3 / 1TB/ 16GB	i3 processor	1 Terabyte HDD	16 Gigabytes
V3N-RPC/ i5 / 1TB/ 8GB	i5 processor	1 Terabyte HDD	8 Gigabytes
V3N-RPC/ i5 / 1TB/ 16GB	i5 processor	1 Terabyte HDD	16 Gigabytes
V3N-RPC/ i7 / 1TB/ 8GB	i7 processor	1 Terabyte HDD	8 Gigabytes
V3N-RPC/ i7 / 1TB/ 16GB	i7 processor	1 Terabyte HDD	16 Gigabytes