



Product Description

To meet the growing IT needs affecting Naval programs, Infodata has developed a line of specific solutions focused on giving an effective answer to the typical issues related to shipboard systems. The new Infodata Naval System Family includes a series of products engineered to guarantee the technical, environmental and quality requirements that the onboard systems must specifically comply with.

The INF-NVL1-VDU-PCI server grant to customers the following exceptional features:

- Up to 2 DDR3 DIMM max. up to 16 GB memory capacity
- very wide range of relative non-condensing humidity (5% ~ 90%)
- very wide range of Operative temperature (0° ~ 50°)
- CE, REACH, RoHS Certifications

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YOUR
TECH
PART
NER

Technical Specifications

PART NUMBER	INF-NVL1-VDU-PCI
FORM FACTOR	Rack 19" – 1U
RACK MOUNT	Rail Kit included
POWER SUPPLY	1x 150W Auto Sensing Power Supply Vin: 90-264 VAC 50/60Hz Frequency
EMI/EMC	EN55032 EN55024
SAFETY	EN 62479 MIL-HDBK-2036 MIL-STD-1310H
COOLING	Fans with tachometric control
CPU	Supported LGA1150 socket 4th Generation Intel [®] Core™ i7/i5/i3 processor (Haswell/Haswell Refresh). Configured CPU: Intel i7-4770S - Frequency 3.1 GHz – Cache 8MB6300U
CHIPSET	Intel [®] Multi Chipset Package
RAM	8 GB configured RAM Up to 2 DDR3 DIMM max. up to 16 GB memory capacity
STORAGE	1x - 2,5" SSD 250 GB
AVAILABLE PCI / PCIE SLOTS	<ul style="list-style-type: none"> • 1x PCI • 1x PCIe (optional)

INTERFACES
GRAPHIC
SUPPORTED OPERATING SYSTEM
COOLING

On front available Interfaces:

- 2x RJ45 1GbE Ethernet LAN integrated ports
- 2 x USB 2.0 Type A integrated on board
- 1 x VGA DSUB 15 Pin
- 1 x DVD burns

Interfaces available on the back:

- 2x serial port RS232 DSUB 9 Pin
- 1X Power On Button

VGA graphic card

Red Hat Enterprise Linux 5.3¹ or higher version

fan with tachometric control

Environmental & Quality Specifications

TEMPERATURE
HUMIDITY
CERTIFICATIONS
MAXIMUM NOISE LEVEL
MTBF
MTTR / MTTR MAX
MTBCF

Operating: 0°C ° +50°C

Storage: -20°C a +55°C

Relative Humidity: 5% ~ 90% (non condensing)

CE - Reach - RoHS

<75 dBA

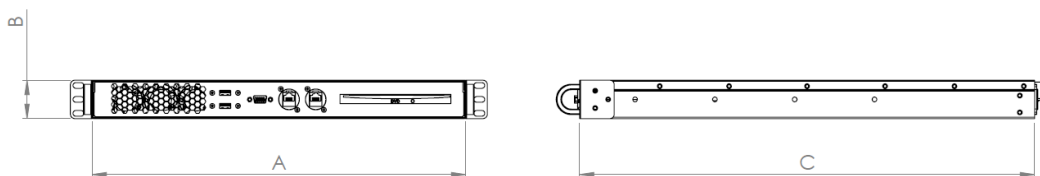
50.000hrs @ 25°C; 25.000hrs @ 45°C; 10.000hrs @ 50°C

2 / 5 hrs

25.000hrs

¹ The RedHat Enterprise Linux 5.3 operating system is tested only in text mode and not in graphic mode

INF-NVL1-VDU-PCI Dimensions



Chassis dimensions, front view and side view

MODULO CHASSIS	A [mm]	B [mm]	C [mm]	PESO [kg]
INF-NVL1-VDU-PCI	431	44	525	8

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Last review: Set 2021

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