

# INF-NVL1-M20-VSVR

## Quick reference



## Product Description

The INF-NVL1-M20-VSVR is a powerful 1U server designed for applications with high computational capacity. This system is designed to support Intel<sup>®</sup> Processor Xeon 2nd generation and up to 768TB DDR4 2400 MT/s Memory. The INF-NVL1-M20-VSVR server allows customers to have a powerful high-performance machine in a very dense 1U chassis in order to fit all applications that require high power in a very tiny space. Deploy this dense platform for different workloads in constrained space with high computational capacity.

The INF-NVL1-M20-VSVR grants to customers the following exceptional features:

- very wide range of operative temperature (5°C a +45°C)
- very wide range of relative non-condensing humidity (5% ~ 95%)
- Power Supply hot swap
- Compliance with MIL-STD-810G, MIL-HDBK-454B and MIL-HDBK-2036
- CE, REACH and RoHS Certifications

## Standard Specifications

### PROCESSORS

Up to 2 x Intel<sup>®</sup> 2th Generation Xeon Processor

### CHIPSET

Intel<sup>®</sup> C624 Chipset

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Cap. Soc.: € 2.000.000 i.v.

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<b>RAM</b>	Up to 768 GB DIMM RAM 16 DIMM Slots DDR4 ECC RDIMM/LRDIMM 2133/2400/2666/2933
<b>SSD</b>	2 x SSD 2,5" SATA
<b>POWER SUPPLY</b>	90÷264V AC Auto-ranging 47 ÷ 63 Hz 2 x 800W Hot Swap Power Supply
<b>INTERFACES</b>	2x RJ45 10GbE Ethernet LAN on front 4x SFP28 10GbE Fiber ports on front 1x RJ45 Management Port IPMI 2.0 on front 4 x USB 3.0 Type A on front 2 x USB 2.0 Type A on front 1 x VGA DSUB 15 pin on front 1 x RS232 DSUB 9 pin on front 1 x Jack 3,5mm microphone on rear 1 x Jack 3,5mm headphones on rear
<b>RAID CONTROLLER</b>	Hardware RAID Controller Adapter Supports RAID 0,1,5,6,50,60 1-ADM 10-ADM
<b>GRAPHIC</b>	Intel integrated graphics (VGA)
<b>SUPPORTED OPERATING SYSTEM</b>	<ul style="list-style-type: none"> <li>VMware ESXi 6.7 up to 8.0, Windows Server 2016, Windows Server 2019, Red Hat RHEL 7.3 – 7.x,</li> </ul>
<b>DIMENSIONS</b>	Width: 482.6mm Hight: 44mm Deep: 587.6mm

# Configuration Ordering Code

**INF-NVL1-M20-VSVR**

- Infordata Rack Mount server 1U • Processor Silver Intel<sup>®</sup> Xeon<sup>®</sup> • 32GB RAM DDR4 • 2 x SSD 500GB • Power Supply Hot-Swap 90÷264V AC 800W Auto-ranging • MIL-HDBK-454B, MIL-HDBK-2036, MIL-STD-810G • IP44

## Technical & Configuration Specifications

<b>CHASSIS</b>	Rackmount 19"
<b>POWER SUPPLY</b>	AC Power Supply 115V÷230V AC • 50~60Hz Autosense • 800W Maximum Power
<b>MOTHERBOARD</b>	Intel Technology
<b>CPU</b>	1 x Processor Silver Intel <sup>®</sup> Xeon <sup>®</sup> 4112 Processor Base Frequency 2.6 GHz Max Turbo Frequency 3.0 GHz – Cache 8,25 MB
<b>RAM SYSTEM MEMORY</b>	Total Memory: 32 GB, 2 x 16GB DDR4 a 2400MHz
<b>STORAGE</b>	2x SSD SATA 500GB
<b>INTERFACES</b>	2x RJ45 10GbE Ethernet LAN on front 4x SFP28 10GbE Fiber ports on front 1x RJ45 Management Port IPMI 2.0 on front 4 x USB 3.0 Type A on front 2 x USB 2.0 Type A on front 1 x VGA DSUB 15 pin on front 1 x RS232 DSUB 9 pin on front 1 x Jack 3,5mm microphone on rear 1 x Jack 3,5mm headphones on rear
<b>IP PROTECTION</b>	IP44

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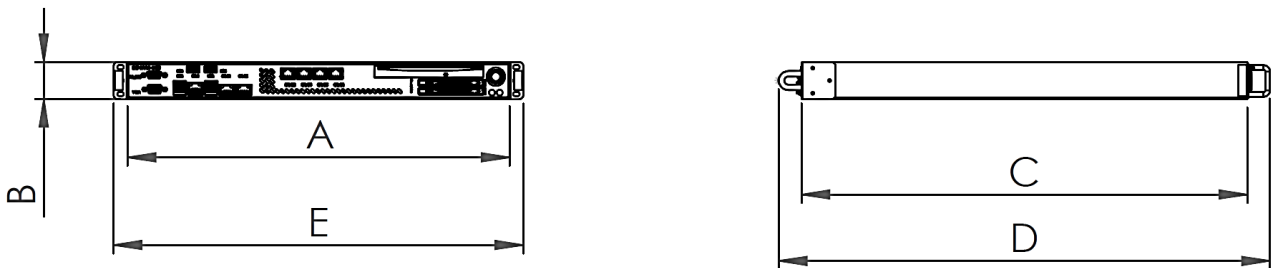
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<b>RECOMMENDED THERMAL CONDITION</b>	Operating: 5°C a +45°C Storage: -40°C a +70°C
<b>HUMIDITY</b>	Relative Humidity: 95% (non-condensing)
<b>CERTIFICATIONS</b>	CE - Reach - RoHS
<b>COMPLIANCE MIL-STD</b>	<ul style="list-style-type: none"> <li>MIL-HDBK-454B</li> <li>MIL-HDBK-2036</li> <li>MIL-STD-810G</li> </ul>
<b>MTBF</b>	100.000 hrs @ 25°C; 40.000 hrs @ 45°C; 60.000 hrs @ 60°C
<b>MTTR / MTTR MAX</b>	2 / 5 hrs
<b>RELIABILITY</b>	24 / 7 hrs

## INF-NVL1-M20-VSVR Dimensions



	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	PESO [Kg]
<b>INF-NVL1-M20</b>	450	44	525	587.6	482.6	8

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For hard drives, 1GB = 1 billion bytes. Actual formatted capacity is less.

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