



Tactical Server

SUS-24-02

Intel D1500/D1700 series architecture

Removable pocket with 4 ultrafast SSD hard disks

High performance graphics accelerator (Tesla T4 or A2 Tensor)

Physical ZERO reset button

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The SUS-24-02 is designed to work in tactical and stationary environment, where computer networks with highly-efficient servers are needed.

The SUS-24 servers could be used as a central service server of ICT networks, providing services for administrators and personnel. They have capability of virtualizing both servers and workstations. The SUS-24-02 has four network cards, two of them have capability to work with modules SFP+ 10GBase-SR, 10GBase-LR, 10GBase-T, 1000Base-SX, 1000Base-LX, and the other two with: 100/100Base-T. The SUS-24-02 offers the option to install a graphics accelerator in one of two variants: Nvidia Tesla T4 or Nvidia A2 Tensor.

Technical parameters

BASIC FUNCTIONALITIES

High efficient web service server based on Intel D1500/D1700 series architecture

Could be used as a central service server of ICT networks, providing services for administrators and personnel.

Easily exchangeable four SSD hard drives (SATA and NVME) due to closed pocket, that could be easily open.

Safety is provided by TPM 2.0 module and ZERO reset button

INTERFACES

Electrical Ethernet Interface	2x10/100/1000Base-T/TX
Optical Ethernet Interface	optional: 1000Base-SX, 1000Base-LX 10GBASE-SR, 10GBASE-LR
RS Interface	RS-232C
USB Interface	USB 3.0/2.0
Video	VGA
Audio	Line output Microphone Output Headset Output

USER'S INTERFACE

Management interface	serial console keyboard/screen, Ethernet
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POWER SUPPLY

Power supply	+27 V (from 18 V to 32 V)
Power consumption	<90 W

OTHER TECHNICAL PARAMETERS

Mechanical and climatic classification	N.7, N.8, N.10 and N.11-O-II (A and B) group, acc. NO-06-A101÷108 with derogations (MIL-STD-810G compliant) (multi-use and continuous use equipment)
electromagnetic compatibility	NO-06-A200 (MIL-STD-461F compliant) (KRE-02, KCE-02, KCS-01, KCS-06, KCS-07, KCS-08, KRS-02)
Operating temperature	from -30°C to +65°C
Storage temperature	from -50°C to +70°C
Humidity resistance	95-98% at +40°C

SERVER'S PARAMETERS

Possible operation systems	Windows, Linux (others operating in Intel x64 architecture)
Hard Drives	Up to 4 SSD: 2xM.2 SATA, 2xM.2 NVMe
Processor	Intel Xeon D1559
RAM	up to 128 GB dual channel DDR4, 1866/2133/2400MHz ECC (for chosen processors)
Graphic Accelerator	Nvidia Tesla T4 or Nvidia A2 Tensor