



Tactical server

SUS-24-01

Intended to be built-in and to be used in tactical field objects

Possibility of installing different operational systems, including Windows and Linux

Tactical server SUS-24-01

The tactical server SUS-24-01 is intended to be used in mobile objects, in which it is necessary to build computer networks with highly-efficient servers.

Servers SUS-24 may fulfil a function of a service server and cyber server, constituting a central point of ICT networks providing services for functional persons. Servers also allow to virtualize both servers and workstations. SUS-24-01 has 4 built-in network cards out of which two cards enable to work with modules SFP+ 10GBase-SR, 10GBase-LR, 10GBase-T, 1000Base-SX, 1000Base-LX, a two cards enable to work in the 100/100Base-T standard.

Technical parameters

BASIC FUNCTIONALITIES

Efficient server in Intel x64 architecture

Possibility to instal Windows and Linux operation systems

Removable hard discs M.2

USB, VGA, RS-232, Ethernet interfaces

Possibility to produce it as a hardware platform for certified software

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 input

USER'S INTERFACES

Management interface Serial console
Keyboard/screen, Ethernet

POWER SUPPLY

Power supply +27 V (from 18 V to 32 V)

Power consumption <90 W

OTHER TECHNICAL PARAMETERS

Mechanical and climatic classification Group N.7, N.8, N.10 and N.11-O-II (A i B), according to 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 according to Intel x64 architecture)

Disks Up to 4 SSD discs: 2xM.2 SATA, 2xM.2 NVMe

Processor Intel Xeon D1559

LED status indication

RAM up to 128 GB dual channel DDR4, 1866/2133/2400MHz ECC (for chosen processors)