

# IS-SYS10FN (Advantix - powered by Fastwel)

## 1U Intel® Xeon® D-1541 Compact Fanless Industrial Server



### Overview

The compact high-performance fanless server IS-SYS10FN (Advantix – powered by Fastwel) is characterized by high computing capacity which is ensured by Intel® Xeon® D-1541 8-cores CPUs with Hyperthreading support and has up to 128GB RAM. The disk subsystem has two 2.5" drives with HotSwap. The expansion slots make it possible to install up to 2 x PCI-E Gen 3 additional controllers and M2 PCI-E module, supporting SATA interface, for the operating system.

### Features

- CPU: Intel® Xeon® D-1541 2.10GHz / 2.70GHz;
- Chipset: System on Chip;
- RAM: 4xDDR4 DIMM slots;
- Operating temperature range: +5°C ~ +40°C;
- Network: 3 x RJ45 ports: 2 x Gigabit Ethernet (Intel® i350-AM2) and 1 x Mgm LAN;
- Video subsystem: integrated graphics processing unit Aspeed AST2400 64MB;
- Power supply: 220 V AC or 9-24V DC (two versions);
- Dimensions: 380 (D) x 440 (W) x 44 (H);
- OS compatibility: Microsoft: Windows Server 2016 / 2012R2 / 2008R2; Windows 10 / 8.1 / 10; and Linux: Red Hat Linux EL 7.0/7.1; SUSE SLES 11/12; Ubuntu 14.04.2 LTS; FreeBSD 10.1; CentOS 7.0;

### Technical Specifications

#### CPU

- Intel® Xeon® D-1541 2.10GHz / 2.70GHz; 8 Cores / 16 Threads, 12MB Cache;

#### Chipset

- System on Chip;

#### RAM

- 4 x DDR4 DIMM slots: up to 128 GB DDR4-ECC RDIMM / 64 GB DDR4 ECC/non ECC UDIMM;

#### Video subsystem

- Integrated GPU Aspeed AST2400 64MB;

#### Disk subsystem

- Two bays for 2.5" SSD/HDD SATA with Hot Swap;
- Support of RAID 0, 1 (Intel RSTe);

#### Expansion slots

- 2 x slots PCI-E x8 Gen3 (full height / half length);
- M.2 PCI-E 3.0 x4 (with SATA support);

#### Network

- 3 x RJ45 ports;
- 2 x Gigabit Ethernet (Intel® i350-AM2);
- 1 x Mgm LAN;

#### Control

##### Controller (BMC) Aspeed AST2400

- Intelligent Platform Interface 2.0 (IPMI 2.0);
- Virtual media over LAN, KVM over LAN;
- Dedicated management port (Realtek RTL8201N PHY);

#### Ports

On rear panel:

- 2 x USB 3.0; 1 x VGA (D-Sub); 1 x RS-232 (DB-9);
- 2 x LAN (RJ-45); 1 x Mgm LAN (RJ-45);

On front panel:

- 2 x USB 2.0;

#### Power supply

- 220 V AC or 9-24V DC (two versions);

#### Operating temperature range

- from +5°C to +40°C;

#### Humidity

- 10-85% at 40°C (operation), 10-95% at 40°C (storage), non-condensing;

#### Dimensions

- 380 (D) x 440 (W) x 44 (H);

#### Weight

- 10 kg (max);

#### Version design

- For mounting to the 19" rack, 1U, black;

#### OS compatibility

Microsoft:

- Windows Server 2016 / 2012R2 / 2008R2;
- Windows 8.1;
- Windows 10;
- Linux:
- Red Hat Linux EL 7.0/7.1;
- SUSE SLES 11/12;
- Ubuntu 14.04.2 LTS;
- FreeBSD 10.1; CentOS 7.0;

#### Warranty

- 2 years;



Fastwel



Fastwel



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## Ordering information

### IS-SYS10FN (Advantix - powered by Fastwel) Configuration

#### IS-SYS10FN \Options

##### Configurations

##### IS-SYS10FN

High-performance Compact Fanless Industrial Server / Intel® Xeon® D-1541 2.10GHz/2.70GHz /  
4 x DDR4 DIMM slots: up to 128 GB DDR4-ECC RDIMM / Integrated GPU Aspeed AST2400  
64MB / 220 V AC or 9-24V DC (two versions);

#### Delivery checklist

**IS-SYS10FN (Advantix - powered by Fastwel) delivery checklist contains:**

1. IS-SYS10FN (Advantix – powered by Fastwel) High-performance Compact Fanless Industrial Server
2. Packaging.

Ver.1.07.2020

Product specifications are subject to change without notice

## Corporate offices

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