ITPOD Server Portfolio

Network Appliance

The ITPOD 2U "Network Appliance" server series with AMD EPYC processors offers a powerful and flexible platform for any tasks in the telecommunications industry. Supporting a single multi-core processor (up to 64 cores) and extensive storage options, these servers ensure efficient data processing in SDN (Software Defined Network) and DPI (Deep Packet Inspection) solutions. ITPOD servers are easily scalable to handle the ever-growing network traffic, thanks to their 10 PCIe slots.

ITPOD-ASR201-S08R

ITPOD-ASR201-S12RE

ITPOD-MSR201-S06R-10P

ITPOD-ASR201-S12R-NV

Technical Specifications

Model	ITPOD-MSR201-S06R-10P	ITPOD-ASR201-S08R ITPOD-ASR201-D12RE ITPOD-ASR201-D12R-NV
Form Factor	2U	
Dimensions (L x W x H)	450 x 433 x 87.5 mm	695 x 433 x 87.5 mm
CPU	1 proccesor AMD EPYC 7003 series ("Milan") (TDP up to 280W)	
RAM	16 DDR4 ECC memory slots, supporting 2933/3200MHz	
Storage	On the motherboard: 1 M.2 NVMe slot (2280 only) 2 miniSAS HD interfaces	
	6 x 2.5" SATA/SAS/NVMe U.2	8 x 2.5"/3.5" SATA/SAS 12 x 2.5"/3.5" SATA/SAS 12 x 2.5"/3.5" SATA/SAS/NVMe U.2
Onboard network interfaces	2 x 1Gb RJ45 (Intel i350, onboard) 1 x 1Gb RJ45 IPMI 2.0	
PCIe version	Default - PCIe 3.0 Option - PCIe 4.0	
PCIe Expansion	10 PCIe half-height slots (6 PCIe x8, 4 PCIe x16)	10 PCIe half-height slots (6 PCIe x8, 4 PCIe x16) 1 x 2.5" Rear Module (option) (up to 2 NVMe U.2 drives)
Power Supply	2 hot-swap power supplies (AC or DC) with 1+1 redundancy	
Environmental specifications	**Operating temperature:** 5 ~ 35°C, with humidity 20 ~ 80% (non-condensing) **Storage temperature (long-term, in a box):** 20 ~ 28°C, with humidity 30 ~ 70% (non-condensing)	
Fans (N+1)	4 standard hot-swap N+1 redundant fans 80 x 38 mm (80 x 56 mm - option)	
Management	The iBMC (Baseboard Management Controller) provides a full set of management functions.	

Warranty and Technical Support

36 months

Basic warranty

Advanced technical support programmes

Next business day (NBD) shipping of spare parts, any duration, installation services

Remote Technical Support

Access to the self-service web portal 24/7 to report a problem

2nd Line
Tech Support

Mon to Fri
10:00 to 18:00 (UTC+3)

Remote Management

All ITPOD servers are equipped with an integrated Baseboard Management Controller (BMC) with support for IPMI 2.0 remote management and monitoring functions.
The BMC is independent of the server operating system and provides the following features via a dedicated 1Gb RJ45 port:

- Configuring server hardware settings, including BIOS and RAID cards

- Virtual Media - remote connection of virtual media (ISO images) to the server

- KVM over IP - remote access to the server's graphical console

- Real-time monitoring of the system status

- Power management: switch on, switch off, reboot

- Display of temperature sensor values

- Multi-user access, including Active Directory integration