

General Computing

ITPOD servers equipped with Ice Lake processors are designed for dynamically scalable infrastructures that require versatility and high reliability. The ITPOD SL G3 series models are ideally suited both for virtualization systems and high-performance computing, as well as for application development environments with a microservice architecture, delivering powerful and flexible solutions for modern IT tasks.

ITPOD-SL101-D04-G3



ITPOD-SL101-D10-G3



ITPOD-SL201-D08R-G3



ITPOD-SL201-D12RE-G3



ITPOD-SL201-D12R-NV-G3



ITPOD-SL201-D25RE-G3



Charecteristics

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Form factor	1U	2U
CPU	1-2 x Intel Xeon Scalable 3-rd Gen (TDP up to 270 W)	
Chipset	C621A	
RAM	32 slots of DDR4 RDIMM/LRDIMM ECC 3200MHz	
Storage subsystem	On the motherboard: 2 slots of M.2 NVMe (2280 only) 3 interfaces miniSAS HD 2 interfaces Slimline x8	
	4 x 2.5"/3.5" SATA/SAS 10 x 2.5" SATA/SAS	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 25 x 2.5" SATA/SAS
Ethernet interfaces	2 x 1Gb RJ45 (Intel i350, onboard) 1 x 1Gb RJ45 IPMI 2.0	
Expansion slots	2 full height slots PCIe 4.0 x16 1 slot OCP 3.0 (PCIe 4.0 x8)	1 slot OCP 3.0 (PCIe 4.0 x8) Riser 1: full height slots PCIe 4.0 (x16 and 2 – x8 or 2 – x16) Riser 2: full height slots PCIe 4.0 (x16 and 2 – x8 or 2 – x16) Riser 3: half height slots PCIe 4.0 (2 – x8 or 1 – x16) or 2.5" Rear Module (2 SATA/NVMe U.2) Riser 4: half height slots PCIe 4.0 (2 – x8) or 2.5" Rear Module (2 SATA/NVMe U.2)
Control	The iBMC (Baseboard Management Controller) features a comprehensive suite of management functions. It enables the use of the OneOPS centralized system for managing multiple servers and supports popular standard interfaces, such as Redfish.	

Power supply	Two hot-swap power supply units with 1+1 redundancy support (800/1300/1600/2200 W)	
Temperature regime	Operating temperature: 5°C to 35°C at a relative humidity of 20% to 80% (non-condensing). Long-term storage temperature (in packaging): -20°C to 28°C at a relative humidity of 30% to 70% (non-condensing)	
Cooling (N+1)	7 fans 40 mm x 56 mm	4 fans 80 mm x 38 mm
Security	Chassis intrusion sensor	
Installation kit	Rails and an optional cable management arm (CMA) / organizer	
Warranty and support	36 months, extended support programmes are available	

Benefits

Up to 2 CPUs	Intel Xeon Scalable Gen2 (up to 80 cores)
32 slots of memory	standard DDR4 ECC 3200MHz (up to 8TB)
Up to 10 slots PCIe 4.0	plus dedicated slot OCP 3.0
Up to 25 disks	front-accessible and hot-swappable
Up to 2 GPU adapters	dual-width, 300W each, for a 2U server
Supported OS	vStack HCP, Astra Linux, Microsoft Windows Server, RHEL, CentOS, Ubuntu, VMware ESXi and vSAN OSA.

Warranty&support

36 months	Extended support
Standard warranty	Next Business Day, any term, comissioning works

Service support

Remote technical support

Customer access to the self-service web portal is available 24/7 for reporting any issues that arise

Second-line support

10.00 - 18.00 (UTC+3), Monday through Friday

Spare parts delivery

Next Business Day

Software support

Access to all updates and patches

Remote control

All ITPOD servers are equipped with an integrated Baseboard Management Controller (BMC) supporting the IPMI 2.0 remote management and monitoring interface.

The BMC operates independently of the server's operating system and provides, via a dedicated 1Gb RJ45 port, the following capabilities:

- Configuration of server hardware parameters, including BIOS and hardware RAID.
- Real-time system status monitoring.
- Virtual Media – remote connection of virtual drives (CD/DVD images) to the server.
- KVM over IP – remote connection to the graphical server console.
- Power management: power on, power off, restart.
- Temperature sensor readings display
- Multi-user access, including integration with Active Directory

