

Network Appliance

The ITPOD SSG-BRAS Appliance with modern AMD EPYC processors offers a powerful and flexible platform for any tasks in the telecommunications industry. Supporting a single multi-core processor (up to 128 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 5 PCIe 5.0 slots.



itpod.com

ITPOD-SSG-BRAS appliance



Technical Specifications

Model	ITPOD-SSG-BRAS appliance
Form Factor	2U
Dimensions (L x W x H)	695 x 433 x 87.5 mm
CPU	1 processor AMD EPYC 9005 series (TDP up to 400W) Certified: 9115, 9335, 9535, 9754
RAM	12 DDR5 ECC memory slots, supporting 4800/5600/6400 MT/s
Storage	12 x 2.5"/3.5" SATA/SAS
Onboard network interfaces	2 x 1Gb RJ45 (Intel i350, onboard) 1 x 1Gb RJ45 IPMI 2.0
PCIe version	Default - PCIe 5.0
PCIe Expansion	5 PCIe half-height slots (PCIe x16) Certified Network cards: 2-port 100Gb Eth QSFP28 (Intel E810) 2/4-port 10/25Gb Eth SFP+ (Intel E810) 2/4-port 10Gb Eth SFP+ (Intel XL710)
Power Supply	2 hot-swap power supplies with 1+1 redundancy (Full Redundancy with dual beam power input support) AC: 800W, 1300W, 1600W DC: 800W
Environmental specifications	Operating temperature: 2 ~ 40°C, with humidity 45 ~ 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
Management	The BMC (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

