

Features

- WHITEBOX OPEN™ Platform
- Dual Intel® Xeon® Scalable CPU
- 24x 3.5" Hot-Swap HDD Bays
- 4x 2.5" 7mm Hot-Swap HDD/SSD Bays
- 16 DIMMs (up to 2TB of memory)
- OCP 1/10/25/40/50/100 GbE ports
- Open BMC Compliant



Specifications

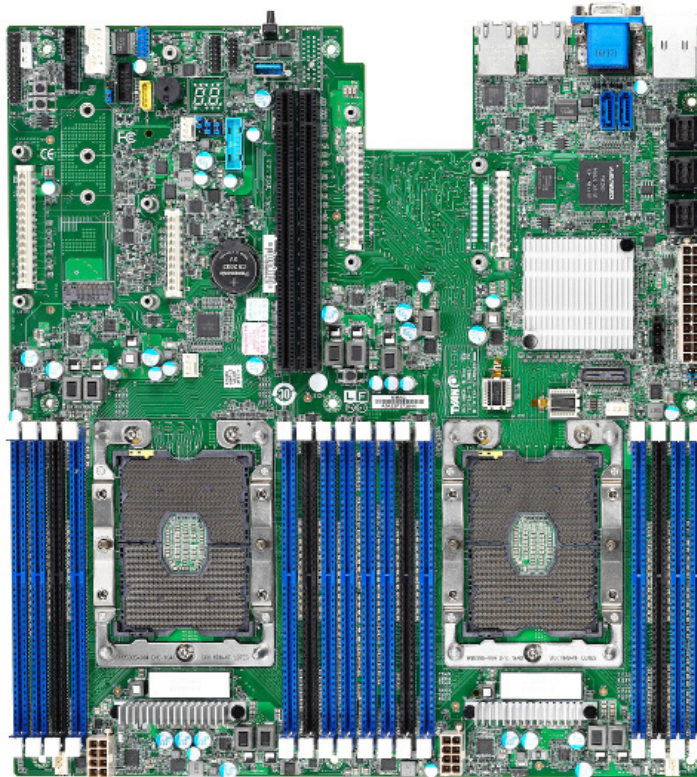
Chassis	2U Rackmount
Motherboard	Tyan S7106GM2NR
Processor	Dual Intel® Xeon® Scalable (up to 165 Watts)
Chipset	Intel® C621 Chipset
Memory	16 DIMM slots across 12 memory channels (6 memory channels per CPU) Up to 2TB ECC RDIMM DDR4 2666
Front Panel	Power, RST, UID buttons, 1x USB3.0 port
LEDs	PWR, HDD, LAN, Warning, UID
Drivebays	24x 3.5" HDD + 4x SSD 7mm (rear) hot swap + 4x 2.5" Internal 7mm or 2x 2.5" Internal 15mm
Backplane	SAS 12Gb/s, 12Gb passive + 12Gb passive
Expansion Slots	(2x PCIe x16 + 2x PCIe x8) or (6x PCIe x8 Slots FHHL)
Riser Card	LH RISER PCIe 3.0 x16/x0/x8 or x8/x8/x8 (max) RH RISER PCIe 3.0 x16/x0/x8 or x8/x8/x8 (max)
OCP	2x OCP 2.0 x16 (LAN+Storage) Opt: 2x Oculink 8x connectors for 4x NVMe ports

System BIOS

BIOS Type	AMI / 32MB
BIOS Features	Hardware Monitor SMBIOS 3.0 PnP/Wake on LAN Boot from USB device PXE via LAN Storage User Configurable FAN PWM Duty Cycle Console Redirection ACPI sleeping states S4,S5 ACPI 6.1

On-board Devices

SATA	2x Mini-SAS HD (8-ports) C621 chipset 6Gb/s RAID 0/1/10/5
sSATA	2x SATA-III, 1x Mini-SAS HD (4-ports) C621 chipset 6Gb/s RAID 0/1/10/5
NVMe	1x M.2 connectors up to 2280 up to 4x 2.5" 7mm NVMe Internal
IPMI	Onboard Aspeed AST2500 BMC Chipset 10/100/1000 Mb/s MAC interface IPMI 2.0 compliant baseboard management controller (BMC) Supports storage over IP and remote platform-flash USB 2.0 virtual hub
Network Controllers	2x 1GbE 1x 1GbE dedicated for IPMI
Graphics	Aspeed AST2500 up to 1920x1200 D-sub 15-pin connector



Rear I/O	LAN	2x RJ-45 1GbE 1x GbE dedicated for IPMI	Environmental Specifications	10° C ~ 35° C (50° F~ 95° F)
	USB	2x USB3.0 at rear		
	VGA	1x D-SUB VGA		
	Serial Port	1x DB-9		
Power Supply	Redundant Power Supplies - AC or DC - Hot-Swap		Gross Weight	45 kg (100 lbs)
System Cooling	4x 60mm and 2x 40mm fans - Hot-Swap		Dimensions	17.5" x 3.5" x 34.5" 444mm x 89mm x 876mm
System Management	10/100/1000 Mb/s MAC interface IPMI 2.0 compliant baseboard management controller (BMC) Supports storage over IP and remote platform-flash USB 2.0 virtual hub Temp (CPU, memory, system) Voltage (CPU, memory, chipset, PS) LED- Over Temp warning, Fan/PSU fail watchdog timer support		Mounting	Tool-free Rail Kit