

## Features

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



## Specifications

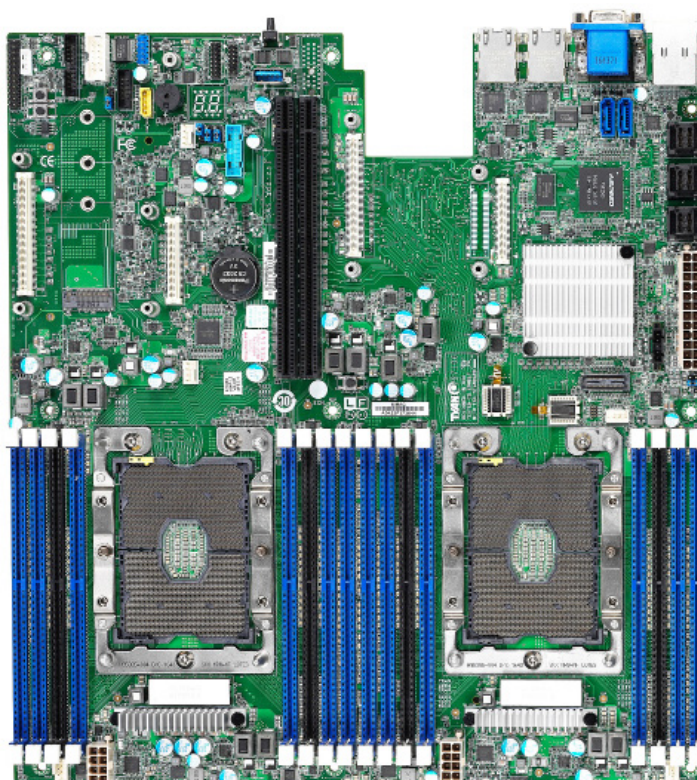
<b>Format</b>	2U Rackmount
<b>Motherboard</b>	Tyan S7106GM2NR
<b>Processor</b>	Dual Intel <sup>®</sup> Xeon <sup>®</sup> Scalable (up to 205W with FRU-SO-9140)
<b>Chipset</b>	Intel <sup>®</sup> C621 Chipset
<b>Memory</b>	16 DIMM slots across 12 memory channels (6 memory channels per CPU) Up to 512GB RDIMM/ 1,024GB LRDIMM/ 768GB LRDIMM 3DS DDR4 2666
<b>Front Panel</b>	Power, RST, UID buttons, 1x USB3.0 port
<b>LEDs</b>	PWR, HDD, LAN, Warning, UID
<b>Drivebays</b>	24x 3.5" HDD + 2x SSD 7mm (rear) hot swap
<b>Backplane</b>	SAS 12Gb/s, 12Gb passive + 4x NVMe, 12Gb passive
<b>Expansion Slots</b>	1x PCIe 3.0 x16, 3x PCIe x8
<b>Riser Card</b>	LH riser PCIe x16, RH riser PCIe x16
<b>OCP</b>	2x OCP 2.0 x16 (LAN+Storage) Opt: 2x Oculink 8x connectors for 4x NVMe ports

### System BIOS

<b>BIOS Type</b>	AMI / 32MB
<b>BIOS Features</b>	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

<b>SATA</b>	2x Mini-SAS HD (8-ports) C621 chipset 6Gb/s RAID 0/1/10/5
<b>sSATA</b>	2x SATA-III, 1x Mini-SAS HD (4-ports) C621 chipset 6Gb/s RAID 0/1/10/5
<b>NVMe</b>	2x M.2 connectors by PCIe interface
<b>IPMI</b>	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
<b>Network Controllers</b>	2x 1GbE 1x 1GbE dedicated for IPMI
<b>Graphics</b>	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	CRPS various wattages		Gross Weight	24 kg (53 lbs)
System Cooling	4x 60mm and 2x 40mm fans		Dimensions	
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		Mounting	Tool-free Rail Kit
Open BMC	Temp (CPU, memory, system) Voltage (CPU, memory, chipset, PS) LED- Over Temp warning, Fan/PSU fail watchdog timer support			