hyperscalers.com

" **High-performance, Versatile, Flexible and Intelligent Edge Computing** "

intel XEON PLATINUM

PCI EXPRESS 4.0

S6YQ|EGX66Y-2U

Let Hyperscalers meet your bespoke requirements!

Start customizing your S6YQ | EGX66Y-2U today!

PCIe Expansions
- 4x FH3/4L PCIE Gen4 x16 or 2x DW GPU
- 2x FHHL PCIE Gen4 x16

Networking
- 4x 25 Gbe SFP28 ports
- 1x GbE RJ45 port
- 1x GbE RJ45 management port

Storages
- 2x NVMe / SATA3 M.2 2280 / 22110
- 4x 2.5" U.2 SSD
- 2x 2.5" U.2 SSD rear optional
- RAID optional

✓ 3rd Gen Intel® Xeon Scalable Processor Ice Lake Dual Socket empowered

✓ Front access design for centralized/distributed Radio Access Network (RAN)

✓ Distinguished, flexible I/O design supports up to six PCIe Gen4 expansion slots (Multiple SKUs options)

✓ Support up to two dual-width GPUs for AI workload

✓ 400mm ultra-short depth for footprint minimization

✓ NEBS Level 3 and ORAN compliant

✓ Thermal enhancements for -5°~55°C critical environment

Multi-Access Edge Computing Server with Advanced Performance

- Powered by 4th Gen Intel® Xeon® 3rd Gen Intel® Xeon Scalable Processor Ice Lake Dual Socket empowered
- Advanced system cooling supporting up to 225W CPU TDP
- 4x 25GbE SFP28 LOM and up to 6x PCIe Gen4 expansion slots for advanced networking
- Support up to two dual-width GPUs for AI workload
- TPM / QAT / PFR optional
- AC / DC Power redundancy and efficiency
- NEBS / ORAN compliant

Tailor-Made for 5G Telco and MEC Edge Servers
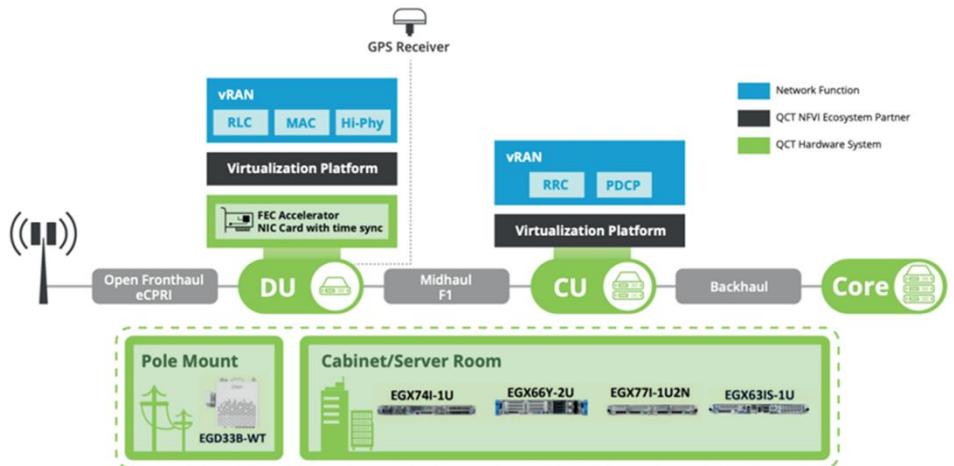
Open RAN transforms the architecture of mobile networks by bringing NFVi cloud, AI inference and optimized management into the radio access networks, enabling unlimited orchestration possibilities with future new applications and eventually assembling the ultimate 5G world.

About Hyperscalers

① **World's First Open OEM**

🔒 **Free Of Proprietry Software Lock-Ins**

🔒 **Free Of Proprietry Hardware Lock-Ins**

🇺🇸 US Stock

◆ Full US Warranty

⚙ 100% Channel Distributor

🚚 Metro Dilivery 1-4 Days

Enhanced Security

- Tool-less, hot-swap designs for drive trays, riser brackets and fan modules

- Easy service with OCP3.0 pull-tab & ejector without opening chassis

Easy Management

- Secure and dynamic data administration of data center resources with Orqestra (QCT System Manager)

- Monitor up to 5000 devices per Orqestra module

S6YQ | EGX66Y-2U Specifications

Processor	**Processor Family:** 3rd gen Intel® Xeon® Scalable Family **Processor Type:** 3rd gen Intel® Xeon® Scalable Family **Max. TDP Support:** 225W **Number of Processors:** 2 Processors
Form Factor	2U
Dimensions	**W x H x D (inch):** 17.6 x 3.4 x 16.5 **W x H x D (mm):** 447.8 x 86.3 x 400
Storage	**Default Configuration:** (2) NVMe/SATA3 M.2 2280/22110 (4) 2.5" U.2 SSD (2) 2.5" U.2 SSD (rear optional)
Memory	**Total Slots:** 16 **Capacity:** Up to 2TB of memory for ECC RDIMM/LRDIMM **Memory Type:** 3200 MHz DDR4 RDIMM/LRDIMM
Expansion Slot	**Default Configuration** (4) FH3/4 PCIe Gen4 x16 or (2) DW GPU (2) FHHL PCIe Gen4 x1
Network Controller	**LOM** (4) 25 GbE SFP28
Front I/O	(2) USB 3.0 type-A ports (1) VGA (via RunBMC) (4) HDD LED on each HDD tray (ACT & LOC/ERR LED) (1) ID Button/ LED (1) Power Button/ LED (1) PFR Status LED (1) Fault (Status) LED (1) RJ45 Management Port (1) LAN Ports 1GbE RJ45 (4) 25GbE SFP28 (1) 1PPS in SMA connector (1) COM port for serial port (micro-USB Type-B)
Power Supply	800W/1600W AC/DC single/redundant PSU
Onboard Storage	(2) NVMe/SATA3 M.2 2280/22110

Optional Storage	(2) 2.5" U.2 SSD (rear optional)
Fan	(5) 6056 dual rotor fans (N+1 redundant)
System Management	IPMI v2.0 Compliant, Redfish V1.11 Compliance QCT Orquestra (Optional)
Operating Environment	Operating temperature: -5°C to 55°C Non-operating temperature: -40°C to 70°C Operating relative humidity: 5% to 85%RH Non-operating relative humidity: 50% to 93%RH
TPM	SPI 2.0

Authorised Hyperscalers Partner
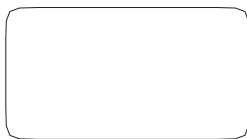
About Hyperscalers

Hyperscalers is the world's first open Original Equipment Manufacturer offering proprietary-free alterative to traditional Tier 1 OEM vendors.

Hereto to solve Information technology's complexity, Hyperscalers developed the IP Appliance Design Process. Which is basically a process along with a utility, being the Appliance Optimizer Utility, which together, assists service providers 'productize' delivery of their Digital-IP.

Technology Partners

Quanta Computer

QCT

intel XEON inside

Western Digital.

SAMSUNG

Hyperscalers
Australia Head Quaters

10 of 65 Tennant Street Fyshwick
ACT 2609 Australia
P +61 1300 113 112
E info@hyperscalers.com

Opearating out of USA, India, EU
www.hyperscalers.com