





V-RAPTOR™ SQ MINI

Standalone Edge Arm Server

Edge-Optimized / Standalone / Database

Ultra Compact 

1U  24C 

| Edge Environments Require a Different Strategy



On-site & small operations require servers can operate immediately & independently.



Standalone is critical for ensuring **stable data processing** during outages.



In edge scenarios, **compact & resilient** servers deliver far greater efficiency.

| Benefits of XSLAB's Standalone Edge Servers



Ensure independent & stable operation of databases, logs & files **without central storage**.



Built for reliable **24/7 on-site operation** on an Arm-based architecture



Scalable VMS solution in collaboration with industry-leader Network Optix.

The Edge Must Go On,
Even without Central Infrastructure.

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System Specifications

Compute Architecture

CPU	Model	Socionext SynQuacer™ SC2A11
	Core	24 Cores, 1.0 Ghz
	Instructions	Arm v8, Cortex®-A53
	Etc.	4 MB L3 Cache / Core

Built on a validated Arm architecture, this compact server enables **edge workloads without central infrastructure.**

System I/O

RAM	Type	DDR4, 2,133 MT/s, ECC	Storage	Type 1	2.5", SATA / SAS
	Channels	2 Ch., 4 DIMM (2 DPC)		Bays	2x
	Capacity	Up to 64 GB	I/O	Network	1 GbE Ethernet
Manage	Remote	Self-developed BMC based XMAS™		External	USB 3, PCIe® Gen 2

OS & System Reliability

OS	Ubuntu	Server 20.04 / 22.04 / 24.04	Reliability	Temperature	0°C - 90°C
	Rocky	Linux 8.10, 9.6, 10.0		Usage	Enterprise-grade Reliability

PoC Support

Configuration & Architecture-Consulting



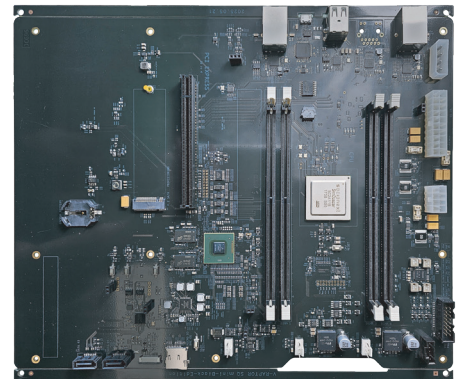
Performance Validation & Benchmarking



Technical Support & Operational Guidance



V-Raptor SQ mini (Chassis)



V-Raptor SQ mini (Board)

X XSLAB 엑세스랩

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