



When Microseconds mean Mega Millions

The Lowest Latency and Jitter in a DP Solution.

A background image featuring a US dollar bill, specifically the portrait of Benjamin Franklin, overlaid with a blue-tinted stock market candlestick chart and a line graph. The image is set against a blue gradient background with bokeh light effects.

Ultra

You Can't Afford for Technology to Slow You Down

Hyper-Speed Ultra Server

- **Best SPECint and SPECfp scores**
- **Best Platform for Low Latency Applications**
- **Best enterprise-class hardware acceleration for mission critical applications**

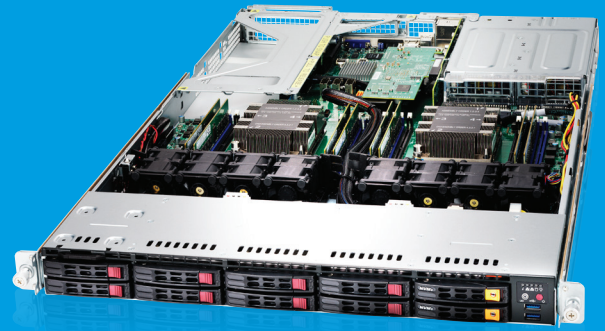
Learn more at www.supermicro.com/ultra-x



Ultra

Hyper-Speed Ultra Servers Optimized for Extreme Low-Latency Trading

New to Supermicro's Low-Latency product line is the Hyper-Speed Ultra platform, combining record-setting performance from Hyper-Speed technology with the evolutionary Ultra system architecture, providing unparalleled flexibility, density, manageability, and serviceability. This new and improved 5th generation of Supermicro Hyper-Speed technology is the only enterprise-class hardware acceleration solution on the market providing lockstep hardware acceleration of the CPUs, Memory, and PCI-E network controllers for maximized performance with mission critical reliability.



SYS-1029UX-LL1/LL2/LL3-S16

Processor Support	Intel Xeon Processor Scalable Family 6144 Included (LL1 SKU), 6146 Included (LL2 SKU), 6154 Included (LL3 SKU)
Key Applications	- Financial Analysis - Business Critical Applications - Enterprise Server
Outstanding Features	- Hyper-Speed Hardware Acceleration - Low Latency & Jitter Optimized 8x 2.5" SAS/SATA3 & 2x 2.5" NVMe - Optimized cooling - Platinum Level redundant power supplies
Chipset	Intel® C621 chipset
System Memory (Max.)	Default: 12x 16GB 2666MHz DDR4 (Included) (16 DIMM, up to 2TB DDR4 2666MHz)
Expansion Slots	2 PCI-E 3.0 x16(FHFL), 1 PCI-E 3.0 x8 (LP), 1 PCI-E 3.0 x8 (internal SAS3 integrated)
Onboard Storage Controller	LSI® 3108 controller for 8 SAS3/SATA3 (12Gbps) ports
Connectivity	4 Gigabit Ethernet ports via AOC-UR-14G
Remote Management	Intel® Node Manager; IPMI 2.0; KVM with dedicated LAN; Watchdog; NMI
System Management Software	Supermicro Update Manager (SUM); Supermicro Server Manager (SSM – optional); Supermicro Power Manager (SPM – optional)
Drive Bays	8x SAS3 Hot-swap 2.5" HDD bays (SAS3 3108), 2x NVMe Hot-swap 2.5" HDD Bays
Power Supply	750W High-efficiency (Platinum Level) digital power supply
Cooling System	8 heavy duty fans w/ Optimal Fan Speed Control
Form Factor	1U Rackmount
Dimensions	Enclosure: 437 x 43 x 706mm (17.2" x 1.7" x 27.8")

www.Supermicro.com/Ultra-x

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