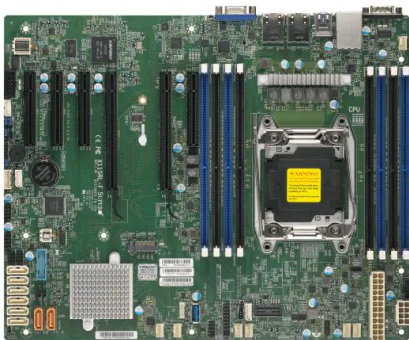


X11SRL-F



Key Features

- Intel® Xeon® W-2100 Processors, Intel® Xeon® W-2200 Processors, Single Socket LGA-2066 (Socket R4) supported, CPU TDP supports Up to 165W TDP
- Intel® C422
- Up to 512GB ECC RDIMM, DDR4-2933MHz; Up to 1TB Registered ECC LRDIMM, DDR4-2933MHz, in 8 DIMM slots
- 3 PCIe 3.0 x8,
- 1 PCIe 3.0 x16,
- 1 PCIe 3.0 x8 (in x16 slot),
- 1 PCIe 3.0 x4 (in x8 slot)
- M.2 Interface:** 1 PCIe 3.0 x4
- M.2 Form Factor:** 2280/22110
- M.2 Key:** M-Key
- Double Height Connector
- Dual LAN with Intel® i210 Gigabit Ethernet Controller
- Intel® C422 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10

Specifications

Product SKUs MBD-X11SRL-F	Expansion Slots PCIe 3 PCIe 3.0 x8, 1 PCIe 3.0 x16, 1 PCIe 3.0 x8 (in x16 slot), 1 PCIe 3.0 x4 (in x8 slot) M.2 M.2 Interface: 1 PCIe 3.0 x4 Form Factor: 2280/22110 Key: M-Key
Physical Stats Form Factor ATX Dimension 12" x 9.6" (30.48cm x 24.38cm)	System BIOS BIOS Type AMI UEFI BIOS Features ACPI 6.2 SMBIOS 3.0 or later UEFI 2.7
Processor CPU Intel® Xeon® W-2100 Processors, Intel® Xeon® W-2200 Processors Single Socket LGA-2066 (Socket R4) supported, CPU TDP supports Up to 165W TDP Core Up to 18 cores, 36 threads Note W-2200 CPU is supported on the motherboards with BIOS 2.0 or newer upon receiving from Supermicro To support 130W (or higher TDP) W-2200 CPUs, BIOS 2.0 & VRM update by Supermicro are required	Management Software SuperDoctor® 5, <u>SUM</u> , KVM with dedicated LAN, <u>IPMI2.0</u> Watchdog Power Configurations Power-on mode for AC power recovery, ACPI Power Management, CPU thermal trip support for processor protection
System Memory Memory Capacity 8 DIMM slots Up to 1TB ECC LRDIMM, DDR4-2933MHz; Up to 512GB ECC RDIMM, DDR4-2933MHz Memory Type 2666/2400/2133MHz ECC DDR4 LRDIMM, RDIMM DIMM Sizes 4GB, 8GB, 16GB, 32GB, 64GB, 128GB Memory Voltage 1.2V Error Detection Corrects single-bit errors	PC Health Monitoring Voltage VBAT, System temperature, Monitors CPU voltages, HT, Chassis intrusion header, 3.3V standby, +5V standby, +5V, +3.3V, +12V, +1.8V, 7-fan status LED UID/Remote UID Suspend static indicator LED CPU / System Overheat LED Temperature CPU thermal trip support PECI Thermal Control for 6 Fan Connectors FAN 7x 4-pin fan headers (up to 7 fans) System level control PWM fan speed control Fan speed control Overheat LED indication Other Features UID, RoHS, Chassis intrusion header, Chassis intrusion detection, ATX Power connector, ACPI power management
On-Board Devices Chipset Intel® C422 SATA Intel® C422 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10 IPMI ASPEED AST2500 Graphics 1 ASPEED AST2500 BMC port(s) Network Controllers Dual LAN with Intel® i210 Gigabit Ethernet Controller	Operating Environment Operating Temperature Range 0°C - 50°C (32°F - 122°F) Non-Operating Temperature Range -40°C - 70°C (-40°F - 158°F) Operating Relative Humidity Range 10% - 85% (non-condensing) Non Operating Relative Humidity Range 10% - 95% (non-condensing)
Input / Output SATA 8 SATA3 (6Gbps) port(s) LAN 2 RJ45 Gigabit Ethernet LAN ports USB 6 USB 2.0 port(s) (4 via header; 2 rear) 3 USB 3.2 Gen1 port(s) (2 via header; 1 type A) 2 USB 3.0 port(s) (2 rear) Video Output 1 VGA port(s) Serial Port 2 COM Port(s) (1 header; 1 rear) DOM 2 SATA <u>DOM</u> (Disk on Module) power connector support TPM 1 TPM Header	

Parts List

Standard Parts (Bulk Package)

I/O Cables	
Part Number	CBL-0044L • eStore
Qty	2
Description	57.5CM SATA FLAT S-S PBF
I/O Shield	
Part Number	MCP-260-00042-0N • eStore
Qty	1
Description	STD I/O Shield for X11SRL-F with EMI Gasket

Standard Parts (Retail Package)

I/O Cables	
Part Number	CBL-0044L • eStore
Qty	6
Description	57.5 cm SATA FLAT S-S PBF
I/O Shield	
Part Number	MCP-260-00042-0N • eStore
Qty	1
Description	STD I/O Shield for X11SRL-F with EMI Gasket
QRG	
Part Number	MNL-2176-QRG
Qty	1
Description	Motherboard Quick Reference Guide