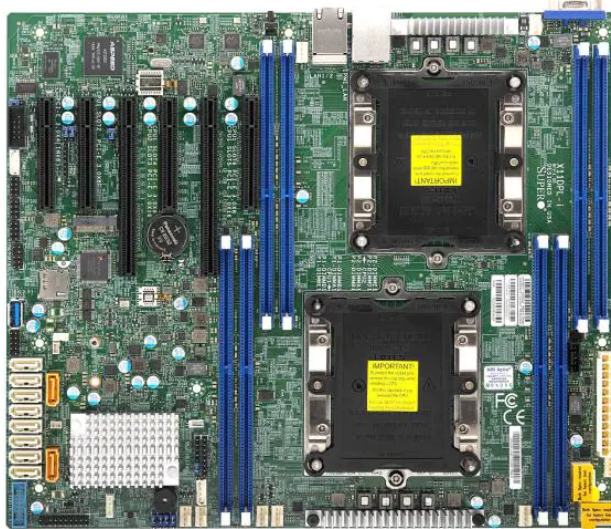


X11DPL-I



12" x 10"

Key Features

2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors,

Dual Socket LGA-3647 (Socket P) supported, CPU TDP support Up to 140W TDP, 2 UPI up to 10.4 GT/s

Intel® C621

Up to 2TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz, in 8 DIMM slots

2 PCIe 3.0 x16,

3 PCIe 3.0 x8,

1 PCIe 3.0 x4 (in x8 slot)

M.2 Interface: 1 SATA/PCIe 3.0 x4

M.2 Form Factor: 2260, 2280

M.2 Key: M-Key

Intel® C621 controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10

Dual LAN with 1GbE with Intel® X722 + Marvell 88E1512

1 VGA port

Optimized Servers

[SYS-1029P-MT](#)

[SYS-1029P-MTR](#)

[SYS-6019P-MT](#)

[SYS-6019P-MTR](#)

Specifications

Product SKUs**MBD-X11DPL-I****Physical Stats****Form Factor**

ATX

Dimension

12.076" x 10.15" (30.67cm x 25.78cm)

Processor**CPU**

2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors

Dual Socket LGA-3647 (Socket P) supported, CPU TDP supports Up to 140W TDP, Dual UPI up to 10.4 GT/s

System Memory**Memory Capacity**

8 DIMM slots

Up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz; Up to 2TB 3DS ECC RDIMM, DDR4-2933MHz

Memory Type

2933/2666/2400/2133 MT/s ECC DDR4 LRDIMM (3DS), RDIMM (3DS)

DIMM Sizes

LRDIMM: 128GB

RDIMM: 64GB

Memory Voltage

1.2V

Error Detection

Corrects single-bit errors

On-Board Devices**Chipset**

Intel® C621

SATA

Intel® C621 controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10

IPMI

ASPEED AST2500

Graphics

1 ASPEED AST2500 BMC port(s)

Network Controllers

Dual LAN with 1GbE with Intel® X722 + Marvell 88E1512

Input / Output**SATA**

10 SATA3 (6Gbps) port(s)

LAN

2 RJ45 Gigabit Ethernet LAN ports

USB

4 USB 2.0 port(s) (2 rear; 2 via header)

3 USB 3.2 Gen1 port(s) (2 via header; 1 type A)

Video Output

1 VGA port(s)

Serial Port

1 COM Port(s) (1 header)

DOM

2 SuperDOM (Disk on Module) ports

TPM

1 TPM Header

Expansion Slots**PCIe**

2 PCIe 3.0 x16,

3 PCIe 3.0 x8,

1 PCIe 3.0 x4 (in x8 slot)

M.2

M.2 Interface: 1 SATA/PCIe 3.0 x4

Form Factor: 2280, 2260

Key: M-Key

System BIOS**BIOS Type**

AMI UEFI

Management**Software**SuperDoctor® 5, NMI, SUM, KVM with dedicated LAN, SPM, Intel® Node Manager, SSM, IPMI2.0, Watchdog**System Management Software**

IPMICFG, IPMIView for Linux/Windows, SMCIPMITool

Power Configurations

ACPI Power Management

PC Health Monitoring**Voltage**

Supports system management utility, Monitors CPU voltages, Chassis intrusion header, 3.3V standby, +5V standby, +5V, +3.3V, +12V, 8 -fan status

LED

UID/Remote UID

CPU / System Overheat LED

Temperature

CPU thermal trip support

PECI

FAN

8x 4-pin fan headers (up to 8 fans)

PWM fan speed control

Overheat LED indication

Other Features

UID, Node Manager Support, CPU thermal trip support for processor protection, Control of power-on for recovery from AC power loss, Chassis intrusion header, Chassis intrusion detection, ATX Power connector, ACPI power management, SDDC

Operating Environment**Operating Temperature Range**

10°C - 35°C (50°F - 95°F)

Non-Operating Temperature Range

-40°C - 70°C (-40°F - 158°F)

Operating Relative Humidity Range

8% - 90% (non-condensing)

Non Operating Relative Humidity Range

5% - 95% (non-condensing)

Parts List

Standard Parts (Bulk Package)

I/O CablesPart Number CBL-0044L • [eStore](#)

Qty	2
Description	SATA CABLE 61CM FLAT S-S PBF

I/O Shield

Part Number	MCP-260-00110-0N • eStore
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Qty	1
Description	Standard I/O Shield for X11DPL-i with EMI Gasket

Standard Parts (Retail Package)**I/O Cables**

Part Number	CBL-0044L • eStore
Qty	6
Description	SATA CABLE 61CM FLAT S-S PBF

I/O Shield

Part Number	MCP-260-00110-0N • eStore
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Qty	1
Description	Standard I/O Shield for X11DPL-i with EMI Gasket

Optional Parts**1U I/O Shield**

Part Number	MCP-260-00111-0N
Qty	--
Description	1U I/O Shield for X11DPL-i with EMI Gasket

Heat Sink (optional, not included)

Part Number	SNK-P0068AP4 • eStore	SNK-P0067PD • eStore
Qty	--	--
Description	2U Active CPU Heat Sink Supporting Square Bolster Plate Mounting Mechanism for X11DPL in 2U and Above Systems	1U Passive Proprietary CPU Heat Sink for X11DPL Motherboard Equipped with a Square Retention Mechanism

TPM security module (optional, not included)

Part Number	<u>AOM-TPM-9670V-S</u>	AOM-TPM-9670V
Qty	--	--
Description	SPI capable TPM 2.0 with Infineon 9670 controller with vertical form factor	SPI capable TPM 2.0 with Infineon 9670 controller with vertical form factor

