

# X11DPL-I



(/Global



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 \(/en/products/system/1u/1029/sys-1029p-mt.cfm\)](/en/products/system/1u/1029/sys-1029p-mt.cfm)
- [SYS-1029P-MTR \(/en/products/system/1u/1029/sys-1029p-mtr.cfm\)](/en/products/system/1u/1029/sys-1029p-mtr.cfm)
- [SYS-6019P-MT \(/en/products/system/1u/6019/sys-6019p-mt.cfm\)](/en/products/system/1u/6019/sys-6019p-mt.cfm)
- [SYS-6019P-MTR \(/en/products/system/1u/6019/sys-6019p-mtr.cfm\)](/en/products/system/1u/6019/sys-6019p-mtr.cfm)

## 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 ([/SATADOM/](#)), (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 \(/solutions/SMS\\_SUM.cfm\)](#), KVMwith dedicated LAN, [SPM \(/solutions/SMS\\_SPM.cfm\)](#), Intel®Node Manager, [SSM \(/solutions/SMS\\_SSM.cfm\)](#), [IPMI2.0](#)[\(/solutions/IPMI.cfm\)](#), 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 Cables

Part Number CBL-0044L • [eStore](#)  
(<https://store.supermicro.com/supermicro-ro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html>)

Qty 2

Description SATA CABLE 61CM FLAT S-S PBF

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#### I/O Shield

Part Number MCP-260-00110-0N • [eStore](#)  
(<https://store.supermicro.com/mcp-260-00110-0n.html>)

Qty 1

Description Standard I/O Shield for X11DPL-i with EMI Gasket

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### Standard Parts (Retail Package)

#### I/O Cables

Part Number CBL-0044L • [eStore](#)  
(<https://store.supermicro.com/supermicro-ro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html>)

Qty 6

Description SATA CABLE 61CM FLAT S-S PBF

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#### I/O Shield

Part Number MCP-260-00110-0N • [eStore](#)  
(<https://store.supermicro.com/mcp-260-00110-0n.html>)

Qty 1

Description Standard I/O Shield for X11DPL-i with EMI Gasket

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### Optional Parts

#### 1U I/O Shield

Part Number MCP-260-00111-0N

Qty --

Description 1U I/O Shield for X11DPL-i with EMI Gasket

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#### Heat Sink (optional, not included)

Part Number	SNK-P0068AP4 • <a href="#">eStore</a> ( <a href="https://store.supermicro.com/2u-active-cpu-cooler-snk-p0068ap4.html">https://store.supermicro.com/2u-active-cpu-cooler-snk-p0068ap4.html</a> )	SNK-P0067PD • <a href="#">eStore</a> ( <a href="https://store.supermicro.com/1u-passive-cpu-cooler-x11-snk-p0067pd.html">https://store.supermicro.com/1u-passive-cpu-cooler-x11-snk-p0067pd.html</a> )
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Qty --

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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
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**TPM security module (optional, not included)**

Part Number	<a href="/products/accessories/addon/AOM-TPM-9670V-S_H-S.php">AOM-TPM-9670V-S</a>	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

[Global SKU \(/en/products/SMC\\_global\\_skus\)](/en/products/SMC_global_skus)