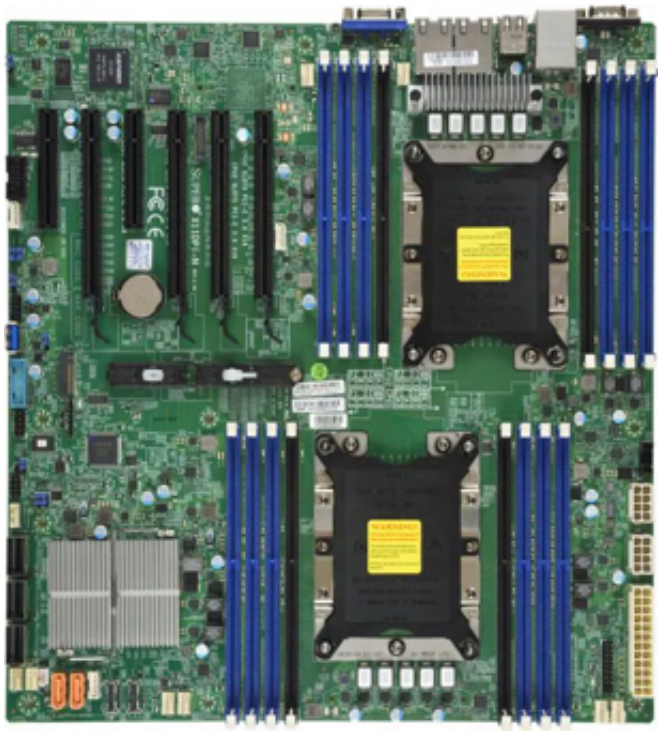
X11DPI-NT

(/de/products/SMC_global_skus)



Dual 10GbE

Key Features

1 VGA port

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

Dual Socket LGA-3647 (Socket P) supported, CPU TDP support Up to 205W TDP, 2 UPI up to 10.4 GT/s

Intel® C622

Up to 4TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz

Or 2TB Intel© PMem, DDR4-2666MHz, in 16 DIMM slots;

Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only);

4 PCIe 3.0 x16,

2 PCIe 3.0 x8,

2 PCIe 3.0 NVMe x4 Internal Port(s)

M.2 Interface: PCIe 3.0 x4

M.2 Form Factor: 2260, 2280, 22110

M.2 Key: M-Key

Intel® C622 controller for 14 SATA3 (6 Gbps) ports; RAID 0,1,5,10

Dual LAN with 10GBase-T with Intel® X722 + X557

Optimized Servers

SYS-2029P-C1RT (/de/products/system/2u/2029/sys-2029p-c1rt.cfm)

SYS-6029P-TRT (/de/products/system/2u/6029/sys-6029p-trt.cfm)

SYS-7049P-TRT (/de/products/system/4u/7049/sys-7049p-trt.cfm)

Specifications

Product SKUs
MBD-X11DPI-NT

Physical Stats
Form Factor
E-ATX
Dimension
12" x 13" (30.48cm x 33.02cm)

Processor
CPU
2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors
Dual Socket Socket P (LGA-3647) supported, CPU TDP supports Up to 205W TDP, Dual UPI up to 10.4 GT/s
Core
Up to 28 cores
Note
BIOS version 3.0a or above is required to support 2nd Generation Intel Xeon Scalable Processors-SP

System Memory
Memory Capacity
16 DIMM slots
Up to 2TB Intel® Optane™ Persistent Memory 100 Series, DDR4-2666MT/s
Up to 4TB 3DS ECC LRDIMM, DDR4-2933MT/s; Up to 4TB 3DS ECC RDIMM, DDR4-2933MT/s
Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
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
Detects double-bit errors (using ECC memory)

On-Board Devices
Chipset
Intel® C622
SATA

Expansion Slots
PCIe
4 PCIe 3.0 x16,
2 PCIe 3.0 x8
M.2
M.2 Interface: PCIe 3.0 x4
Form Factor: 22110, 2280, 2260
Key: M-Key

System BIOS
BIOS Type
AMI UEFI

Management
Software
SuperDoctor® 5, SUM (/de/solutions/management-software/supermicro-update-manager), KVM mit dediziertem LAN, SPM (/de/solutions/management-software/supermicro-power-manager), Intel® Node Manager, SSM (/de/solutions/management-software/supermicro-server-manager), IPMI2.0 (/de/solutions/management-software/bmc-resources), Watchdog

PC Health Monitoring
Voltage
Monitors CPU voltages, 3.3V standby, +5V standby, +5V, +3.3V, +12V
LED
UID/remote UID LED
Power LED
BMC/IPMI Heartbeat LED
CPU/system overheat LED
Temperature
Monitoring for CPU and chassis environment
CPU thermal trip support
PECI
FAN
8x 4-pin fan headers (up to 8 fans)
PWM fan speed control
Other Features
UID, RoHS, Node manager support, CPU

Intel® C622 controller for 14 SATA3 (6 Gbps) ports; RAID 0,1,5,10
IPMI
ASPEED AST2500
Graphics
1 ASPEED AST2500 BMC port(s)
Network Controllers
Dual LAN with 10GBase-T with Intel® X722 + X557

Input / Output
SATA
14 SATA3 (6Gbps) port(s)
Video Output
1 VGA port(s)
Serial Port
1 COM
1 COM
DOM
2 SuperDOM (/SATADOM/) (Disk on Module) ports

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, NCSI header

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)

Publish Status
0
Published

Parts List

Standard Parts (Bulk Package)

I/O Cables

Part Number	CBL-0044L • eStore (https://store.supermicro.com/supermicro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html?utm_source=corp_partslist&utm_medium=referral)
Qty	2
Description	57.5 cm SATA FLAT S-S PBF

I/O Shield

Part Number	MCP-260-00042-0N • eStore (https://store.supermicro.com/mcp-260-00042-0n.html?utm_source=corp_partslist&utm_medium=referral)
Qty	1
Description	STD I/O SHIELD

Standard Parts (Retail Package)

I/O Cables

Part Number	CBL-0476L • eStore (https://store.supermicro.com/internal-minisas-to-4-sata-30-35-45-55cm-with-sideband-55cm-cable-cbl-0476l.html?utm_source=corp_partslist&utm_medium=referral)	CBL-0044L • eStore (https://store.supermicro.com/supermicro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html?utm_source=corp_partslist&utm_medium=referral)
Qty	1	2
Description	57.5 cm SATA FLAT S-S PBF	STD I/O SHIELD

I/O Shield

Part Number	MCP-260-00042-0N • eStore (https://store.supermicro.com/mcp-260-00042-0n.html?utm_source=corp_partslist&utm_medium=referral)
Qty	1
Description	-

Quick Reference Guide

Part Number	MNL-1773-QRG
Qty	1
Description	IPASS to 4 SATA cable

Optional Parts

TPM security module (optional, not included)

Part Number	AOM-TPM-9670V-S (/products/accessories/addon/AOM-TPM-9670V-S_H-S.php)	AOM-TPM-9671V-S (/products/accessories/addon/AOM-TPM-9671V-S_H-S.php)
Qty	--	--
Description	SPI capable TPM 2.0 with Infineon 9670 controller with vertical form factor	SPI capable TPM 1.2 with Infineon 9670 controller with vertical form factor

Bestimmte Produkte sind möglicherweise in Ihrer Region nicht erhältlich.