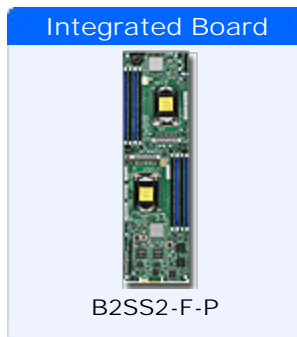


MicroBlade MBI-6219G-T



Key Features

- 392 UP nodes per 42U Rack
- 56/28 UP nodes in 6U/3U
- 2 Independent Nodes per Module;
- Each Node Supports:

1. Socket H4 (LGA 1151) supports Intel® Xeon® E3-1200 v6/v5 processor family
2. Up to 64GB ECC VLP UDIMM DDR4-2400MHz in 4 DIMM sockets
3. Up to 2x 2.5" SATA3 SSDs or 1x HDD
4. Dual 1GbE LAN ports via Intel i350 Dedicated LAN supports IPMI 2.0

▶ [Drivers & Utilities](#) ▶ [BIOS / IPMI](#) ▶ [Manuals](#) ▶ [Tested Memory](#) ▶ [Tested HDD](#) ▶ [OS Certification Matrix](#) ▶ [Download Driver CD](#)

Specifications

Product SKUs	
MicroBlade	▪ MBI-6219G-T

Motherboard	
	▪ B2SS2-F-P

Processor/Cache	
CPU	<ul style="list-style-type: none"> ▪ Single Socket H4 (LGA 1151) supports: ▪ Intel® Xeon® processor E3-1200 v6/v5, Intel® 7th/6th Gen Core™ i3, Intel® Pentium®, Intel® Celeron® processors ▪ CPU TDP up to 80W

Note	BIOS version 2.0 or above is required to support Intel® Xeon® Processor E3-1200 v6 series Processors
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System Memory	
Memory Capacity	<ul style="list-style-type: none"> ▪ 4x DDR4 DIMM sockets ▪ Supports up to 64GB DDR4 ECC VLP UDIMM
Memory Type	▪ 2400MHz ECC DDR4 UDIMM
DIMM Sizes	▪ 16GB

Dimensions	
Height	▪ 1.2" (30.48mm)
Width	▪ 4.94" (125.48mm)
Depth	▪ 23.2" (589.28mm)
Weight	▪ Gross Weight: 5.01 lbs (2.27 kg)
Available Colors	▪ Silver Grey

Front Panel	
LEDs	<ul style="list-style-type: none"> ▪ Power LED ▪ UID / KVM LED ▪ Network Activity LED ▪ Fault LED

Drive Bays	
Internal	▪ 4x 2.5" SATA3 (6Gbps) SSD per blade

Operating Environment / Compliance	
Environmental Spec.	<ul style="list-style-type: none"> ▪ Operating Temperature: 10°C to 35°C (50°F to 95°F) ▪ Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) ▪ Operating Relative Humidity: 8% to 90% (non-condensing)

Memory Voltage	<ul style="list-style-type: none"> 1.2 V
Error Detection	<ul style="list-style-type: none"> Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	<ul style="list-style-type: none"> Intel® C236 chipset
SATA	<ul style="list-style-type: none"> SATA3 (6Gbps) via chipset
Network Controllers	<ul style="list-style-type: none"> Redundant 1GbE SDN switches with 40Gbps/10Gbps uplinks Dual 1GbE LAN ports
IPMI	<ul style="list-style-type: none"> Support for Intelligent Platform Management Interface (IPMI) v.2.0 via Chassis Management Module (CMM)
System BIOS	
BIOS Type	<ul style="list-style-type: none"> 128Mb SPI Flash EEPROM with AMI® BIOS
BIOS Features	<ul style="list-style-type: none"> Plug and Play (PnP) APM 1.2 ACPI 1.0/2.0 SMBIOS 2.3 RTC (real time clock) wake up

Non-operating Relative Humidity:
5% to 95% (non-condensing)

Electromagnetic Compatibility (EMC)	
United States / Canada	<ul style="list-style-type: none"> FCC- Emissions (US) Verification
Europe	<ul style="list-style-type: none"> EN55022 - Emissions EN55024 - Immunity EN61000-3-2 - Harmonics EN61000-3-3 - Voltage Flicker CE - EMC Directive 89/336/EEC

Parts List - (Items Included)

	Part Number	Qty	Description
Motherboard	MBD-B2SS2-F-P	1	MicroBlade Board
MicroBlade Sled	MCP-680-31405-0N	1	M628 MicroBlade Skylake UP Sled (complete assembly)
Micro Blade Module Chassis	MCP-620-31401-0N	2	M628 Sled AOM-BPN Bracket
	MCP-620-31402-0N	1	M628 Sled Node Cover
	MCP-620-31408-0N	1	M628 Skylake UP top 2x slim 2.5HDD bracket
	MCP-640-31405-0N	1	M628 MicroBlade Skylake UP Sled Base
Air Shroud	MCP-310-31403-0N	1	M628 Microblade Skylake UP Air shroud
Add-on Card	AOM-BPN-MS28S-P	1	AOM-BPN-MS28S-P

Optional Parts List

	Part Number	Qty	Description
Heatsink / Retention	SNK-P0047PSR	2	Passive CPU Heat Sink for Micro Blade UP
Software	SFT-OOB-LIC	2	OOB Management Package (per node license)
Software	SFT-DCMS-Single	2	DataCenter Management Package (per node license)