



Key Features

1. Single socket H2 (LGA 1155) supports Intel® Xeon® E3-1200 & E3-1200 v2 series, 2nd and 3rd Gen Core i3 processors***, Pentium, Celeron
2. Intel® C204 PCH Chipset
3. Up to 32GB DDR3 ECC 1333MHz / 1600MHz*** UDIMMs in 4 sockets
4. Intel® 82579LM and 82574L, 2x Gigabit Ethernet LAN ports
5. 4x SATA2 3Gb/s w/ RAID 0, 1, 5, 10; 2x SATA3 6Gb/s w/ RAID 0, 1
6. 2x (x8) PCI-E 3.0*** slots, 2x (x4) PCI-E 2.0 in x8 slots
7. 9x USB 2.0 ports (2 rear + 6 via header + 1 Type-A)
8. Integrated IPMI v2.0 with KVM and Dedicated LAN

Links & Resources

- ▶ [Tested Memory List](#)
- ▶ [Tested HDD List](#)
- ▶ [Motherboard Manual](#)
- ▶ [Quick Reference Guide](#)
- ▶ [Update Your BIOS](#)
- ▶ [IPMI Firmware](#)
- ▶ [Download the Latest Drivers and Utilities](#)
- ▶ [Download Driver CD](#)
- ▶ [OS Compatibility](#)



Specifications

Product SKUs	
MBD-X9SCM-F-B	■ X9SCM-F (Bulk Pack)
Physical Stats	
Form Factor	■ uATX
Dimensions	■ 9.6" x 9.6", (24.4cm x 24.4 cm)
Processor/Cache	
CPU	■ Intel® Xeon® processor E3-1200 & v2 series, Intel® 2nd Gen and 3rd Gen Core i3, Intel® Pentium® and Celeron processors *** ■ Socket H2 (LGA 1155)
System Memory	
Memory Capacity	■ 4x 240-pin DDR3 DIMM sockets ■ Supports up to 32 GB DDR3 ECC Un-Buffered memory (UDIMM)
Memory Type	■ 1333/1600MHz*** ECC DDR3 SDRAM 72-bit, 240-pin gold-plated DIMMs
DIMM Sizes	■ 8GB, 4GB, 2GB, 1GB
Memory Voltage	■ 1.5 V, 1.35V
Error Detection	■ Corrects single-bit errors ■ Detects double-bit errors (using ECC memory)
On-Board Devices	
Chipset	■ Intel® C204 PCH chipset
SATA	■ 4x SATA2 (3Gb/s) w/ RAID 0, 1, 5, 10 ■ 2x SATA3 (6Gb/s) w/ RAID 0, 1
IPMI	■ Support for Intelligent Platform Management Interface v.2.0 ■ IPMI 2.0 with virtual media over LAN and KVM-over-LAN support ■ Nuvoton WPCM450 BMC
Network Controllers	■ Intel® 82579LM and 82574L, 2x Gigabit LAN ports ■ Virtual Machine Device Queues High efficient I/O overhead ■ Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output ■ 1x Realtek RTL8201N PHY (dedicated IPMI)
VGA	■ BMC integrated Matrox G200
Super I/O	■ Nuvoton NCT6776F
Input / Output	
Serial ATA	■ 6 SATA ports ■ 6 SATA hard drives supported
LAN	■ 2x RJ45 LAN ports ■ 1x RJ45 Dedicated IPMI LAN port
USB	■ 9x USB 2.0 ports total (2x rear + 6x via header + 1x type A)
VGA	■ 1x VGA port
Serial Port / Header	■ 2x Fast UART 16550 serial port (one header and one rear port)
DOM	■ 1x DOM (Disk on Module) power connector
TPM	■ 1x TPM 1.2 20-pin Header
OS Compatibility	
■ Please see our OS Compatibility Chart	

Note: For optimized or compatible chassis, additional parts may be required, please check with Supermicro sales rep

Parts List

Parts List (Bulk Package)			
	Part Number	Qty	Description
Motherboard	MBD-X9SCM-F	1	X9SCM-F Motherboard
I/O Cables	CBL-0044L	2	57.5CM SATA FLAT S-S PBF
I/O Shield	MCP-260-00027-0N	1	STD I/O SHIELD

* Per Intel's spec, for platforms using C202/C204 PCH:
1) Intel i5/i7 CPUs are not supported
2) Intel E3-12x5 series processors which have integrated graphics support are not recommended.
** Supermicro X9SCM-F motherboard is using a dedicated graphics from Matrox G200eW.
*** BIOS rev. 2.0 or above is needed to support new E3-1200 v2 CPUs, which supports PCI-E 3.0 & DDR3 1600.