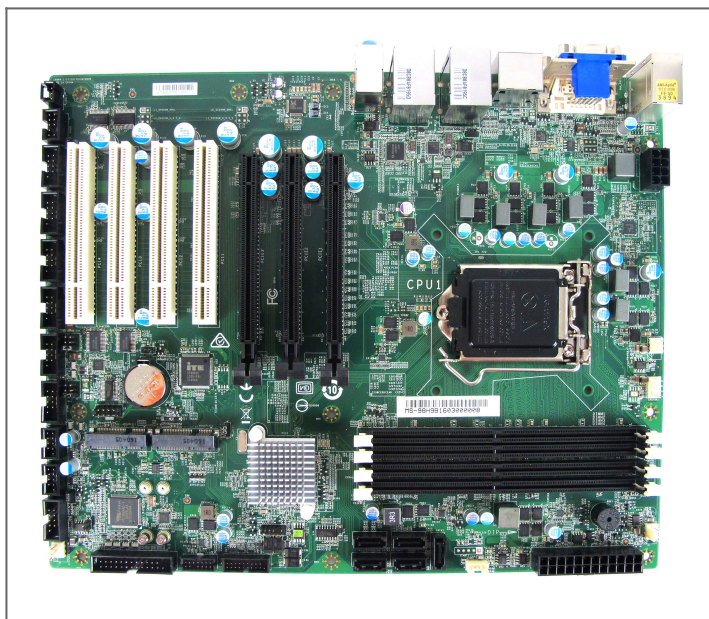




MS-98H9

MS-98H9 Industrial ATX Motherboard



Features

- LGA 1151
- 4 PCI
- 2 PCIe x4
- 1 PCIe x16
- LPT and Serial
- Dual Gigabit LAN

MS-98H9 Industrial Motherboard

The MS-98H9 industrial motherboard is a long-life ATX motherboard with 4x 32-bit PCI slots, 2x PCIe x4 and 1x PCIe x16 slots. This motherboard is based on the Skylake architecture, accepting Generation 6 & 7 LGA 1151 Intel processors. The well-established Intel Q170 chipset allows for features such as Intel Rapid Storage Technology and Intel AMT.

On-Board Dual DisplayPort, DVI-I, HD Audio, USB 3.0, Dual LANs

The MS-98H9 industrial motherboard has multiple on-board features commonly sought after on an industrial board. Dual DisplayPorts and DVI to take advantage of Intel HD graphics, HD audio, and dual gigabit LANs are all incorporated right on the rear panel.

- Supports Generation 6 & 7 Core i3, i5 & i7 Processors
- Intel Q170 Chipset
- 4 x DDR4 2133 MHz Memory Sockets up to 64 GB RAM
- Dual DisplayPort, VGA AND DVI-I ports
- 5 x SATA 3
- On-board RAID 0, 1, 5, 10
- Dual Gigabit LANs
- 6 x USB 3.0 (4 rear, 2 internal)
- 6 x USB 2.0 (2 rear, 4 internal)
- 1 x PCIe x16, 2 x PCIe x4, 4 x PCI slots
- 6 x COM (4 x RS-232, 2 x RS232/422/485), 1 x LPT, PS/2

Technical Specifications

CPU Socket Type	LGA 1151
Chipset	Intel Q170
Channel Supported	Dual Channel
CPU Type	Core i7 / i5 / i3 / Pentium / Celeron
Number of Memory Slots	4x288pin
Memory Standard	2133 DDR4 (non-ECC)
Maximum Memory Supported	64GB
PCIe 3.0 x16	1
PCIe 3.0 x4	2
PCI	4
Mini-PCIe	2
SATA 3.0	5
mSATA	1
SATA RAID	0 / 1 / 5 / 10
Graphic Controller	Intel HD Graphics
VGA	1
DVI-D	1
DisplayPort	2
Display Mode	3x independent
Audio Controller	Realtek ALC887 HD Audio Codec
Ethernet Controller	1x Intel I219-LM GbE LAN PHY, 1x Intel I210-AT GbE LAN
PS/2	1x Keyboard/Mouse
USB 3.0	4x rear, 2x internal
USB 2.0	2x rear, 4x internal
Serial	6x COM (COM1-6 internal)
Serial Types	COM1-2 (RS-232/422/485 0V/5V/12V), COM3-6 (RS-232 0V/5V/12V)
Parallel	1
Watchdog Timer	256-level
TPM	1x box header
Super I/O Controller	Fintek F81866AD-I
GPIO	8-bits (4x GPI, 4x GPO)
Smart Fan	Yes
Power Supply	ATX 24-pin, 12V 8-pin
Operating Temperature	-10-60 C
Operating Humidity	10-90% non-condensing
Storage Temperature	-20-80 C
Storage Humidity	10-90% non-condensing
Regulatory Compliance	FCC, CE, RCM, VCCI, BSMI (Class B)