MS-98A9

ATX with 3rd Gen Intel® Core™i7/i5/i3/Pentium®/Celeron® Processor and Intel® Q77 for High-Performance Solution

Features

- Intel® Ivy Bridge and Sandy Bridge Series CPU to maximize performance
- Supports 4 DDR3 1600MHz UDIMM up to 32GB
- Supports DisplayPort, DVI-I, VGA and dual Intel® GbE LAN
- 2 SATA 3.0, 3 SATA 2.0, mSATA, 6 COM, 4 USB 3.0, and 8 USB 2.0
- Supports AMT 8.0
- Supports ISA slot (optional)
- Supports ATX power

Specifications

Processor

- CPU: 3rd Gen Intel® Core™ / i7/i5/i3/Pentium®/Celeron® Processor, Max. 95W
- Frequency: 2.6GHz~3.9 GHz (Depends on CPU)
- L2 Cache: 3M~9M (Depends on CPU)
- CPU Type: Socket (LGA 1155)
- Chipset: Intel® Q77 Express
- BIOS: AMI

Memory

- Technology: Dual-channel DDR3 1333/1600MHz
- Max. Capacity: Up to 32GB
- Socket: 4 x 240-pin DIMMs
- Controller: Intel® HD Graphics

Display

- Multiple Display: 2 independent displays (SNB CPU only)
- 3 independent displays (IVB CPU only)
- Display Interface: V0A up to 1920 x 1200 @60Hz
- DVI-D up to 1920 x 1200 @60Hz
- HDMI up to 1920 x 1200 @60Hz

Ethernet

- Controller: 1 x Intel® 82579LM GbE LAN PHY
- 1 x Intel® 82583V GbE LAN
- 1 x Intel® 82582LM GbE LAN

Audio

- Controller: Realtek® ALC887 HD Audio Codec

Super I/O

- Controller: Fintek F81886

H/W Monitor

- Watchdog Timer: 256-level Watchdog Timer
- Smart Fan: Yes

TPM

- Controller: Pin header

USB

- USB: 4 x USB 3.0 (rear); 8 x USB 2.0 (2 x rear; 6 x internal)

I/O Interface

- Serial: 6 x COM ports (COM1: rear, COM2~6: Internal)
- COM1~2: RS-232/22/485, 0V/5V/12V
- COM1~6: RS-232/22/485, /S/5V/12V
- Parallel: 1
- PS/2: 1
- GPIO: 8 bits (4 x GPI, 4 x GPO), 5V
- PCIe x16: 1
- PCIe x4: 1
- PCI: 5
- M.2: N/A
- Mini-PCIe: 1 x Full-size

Storage

- SATA: 2 x SATA 3.0, 3 x SATA 2.0 (support RAID 0, 1, 5, 10)
- mSATA: 1

Power Supply

- DC: N/A
- ATX: ATX-Power 24P, 12V-4P
- Operating Temperature: 0 ~ 60°C
- Operating Humidity: 10 ~ 90%, non-condensing
- Storage Temperature: 20 ~ 80°C
- Storage Humidity: 10 ~ 90%, non-condensing

Form Factor

- Dimensions: 305 x 244mm (ATX)

Certification

- Weight: 0.75 kg
- EMC: FCC Class A, CE, RCM, VCCI, BSMI

Software Platform

- OS Support: Windows XP (32/64-bit)
- Windows 7 (32/64-bit)
- Windows 8 (32/64-bit)
- * 1 x ISA Slot (optional)

MSI reserves the right to change the specifications without prior notices.

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