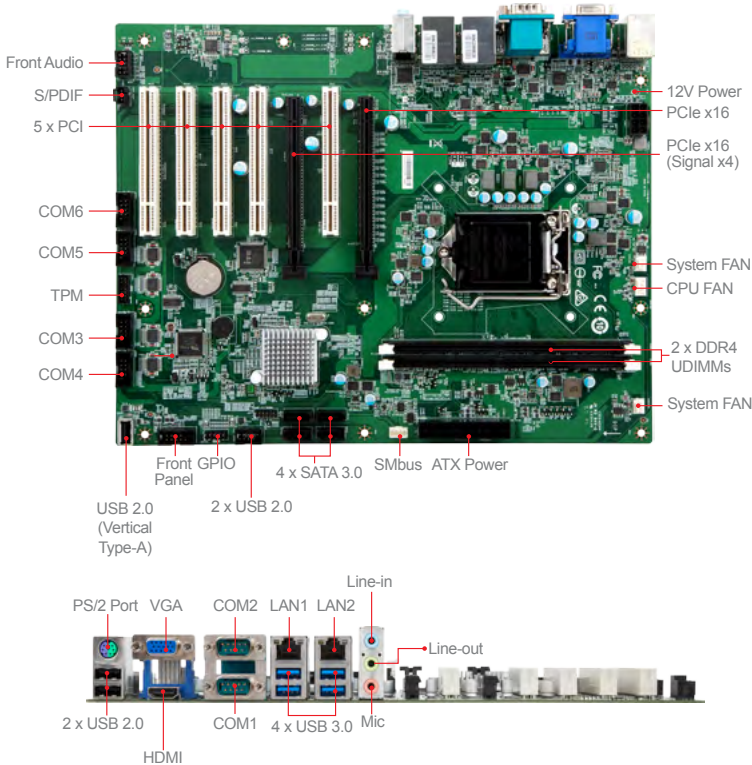


MS-98L9

ATX with 7th/6th Gen Intel® Core™ i7/i5/i3, Pentium®, Celeron® Processor & Intel® H110 for Mainstream Solution

NEW



Features

- Intel® Kaby Lake-S/Skylake-S Series CPU to maximize performance
- 2 DDR4 2133/2400MHz UDIMMs slots up to 32 GB memory
- Supports VGA, HDMI and dual Intel® GbE LAN
- Supports 4 SATA-3.0, 4 USB 3.0, 5 USB 2.0 and 6 COM ports for flexible applications
- Supports 1 PCIe x 16, 1 PCIe x4 and 5 PCI Slots

Ordering Information

| Part Number | Description |
|-------------|-------------|
| Coming soon | |

Packing List

| Part Number | Description |
|-------------|-------------|
| Coming soon | |

Specifications

| | | |
|--------------------------|-----------------------|---|
| Processor | CPU | 7th/6th Gen Intel® Desktop Kaby Lake/Skylake i7/i5/i3/ Pentium®/Celeron® Series Processor, Max 65W |
| | Frequency | 2.3GHz~4.2GHz(Depends on CPU) |
| | L2 Cache | 2MB~8MB (Depends on CPU) |
| | CPU Type | Socket (LGA 1151) |
| | Chipset | Intel® H110 Express |
| Memory | BIOS | AMI UEFI |
| | Technology | Dual-channel DDR4 2133/2400MHz |
| | Max. Capacity | Up to 32 GB |
| Display | Socket | 2 x 288-pin UDIMMs |
| | Controller | Intel® HD Graphics |
| | Graphic Memory | Shared system memory up to 1.7 GB SDRAM |
| | LVDS | N/A |
| | eDP | N/A |
| | VGA | 1 |
| | DVI | N/A |
| | HDMI | 1 |
| | DisplayPort | N/A |
| | Multiple Display | 2 independent displays |
| Ethernet | Display Interface | VGA up to 1920 x 1200 @60Hz HDMI up to 4096 x 2160 @24Hz |
| | Controller | 1 x Intel® I219-LM GbE LAN PHY 1 x Intel® I211-AT GbE LAN |
| Audio | Controller | Realtek® ALC887-VD2-CG Audio Codec |
| Super I/O | Controller | Fintek F81866AD-I |
| H/W Monitor | Watchdog Timer | 256-level Watchdog Timer |
| | Smart Fan | Yes |
| TPM | Controller | Box header |
| I/O Interfaces | USB | 4 x USB 3.0 (4 x rear) 5 x USB 2.0 (2 x rear, 3 x internal with one Vertical Type-A) |
| | Serial | 6 x COM ports (2 x rear, 4 x Internal) COM1: RS-232/422/485, 0V/5V/12V, Auto-flow Control COM2~6: RS-232, COM2: 0V/5V/12V |
| | Parallel | N/A |
| | PS/2 | 1 x PS/2 port by Y-cable for keyboard and mouse |
| | GPIO | 8-bits (4 x GPI; 4 x GPO), 5V |
| Expansion Slot | PCIe x16 | 1 |
| | PCIe x4 | 1 |
| | PCIe x1 | N/A |
| | PCI | 5 |
| | M.2 | N/A |
| | Mini-PCIe | N/A |
| Storage | SATA | 4 x SATA-3.0 |
| | IDE | N/A |
| | eSATA | N/A |
| | CFast | N/A |
| | mSATA | N/A |
| Power Supply | CompactFlash | N/A |
| | DC Input | N/A |
| Environment | ATX | ATX-Power 24P, 12V-8P |
| | Operating Temperature | -10 ~ 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) |
| | Weight | 0.70 kg |
| Certification | EMC | CE, FCC Class B, BSMI, RCM, VCCI |
| Software Platform | OS Support | Windows 10 (64-bit) Windows 7 (32/64-bit) (Intel® Skylake-S Series CPU Only) Windows 8.1 (64-bit) (Intel® Skylake-S Series CPU Only) Linux Fedora 23 (by request) Linux Ubuntu 16.04 (by request) |