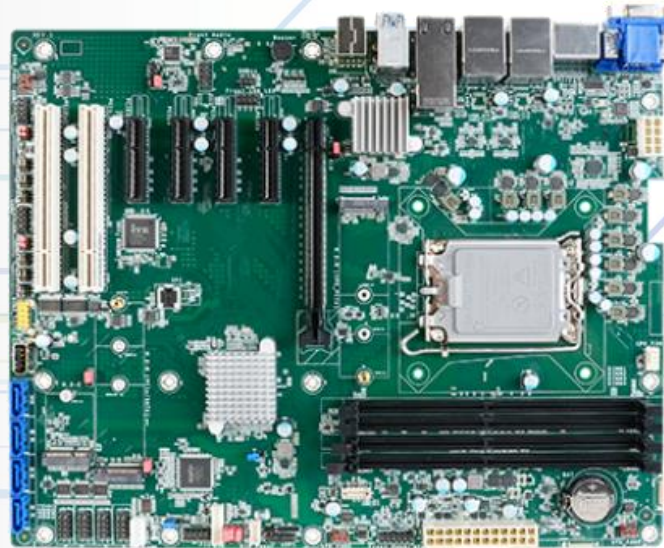


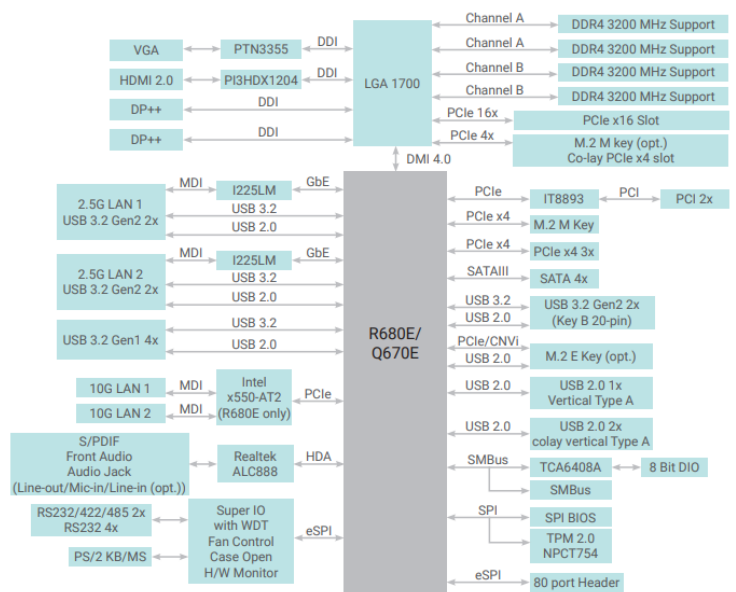
AdiMB8141



FEATURES

- 13/12th Gen Intel® Core™
- 4 DDR4 UDIMM up to 128GB
- Supports 4K resolution
- Quad Display: 1x VGA, 2x DP++, 1x HDMI
- 1x PCIe x16(Gen 5)、4x PCIe x4(Gen 4), 2x PCI, 2x M.2 M key、1x M.2 E Key

ブロック図



仕様

| AdiMB8141 | | |
|----------------|-----------------------|--|
| System | Processor | 12/13th Generation Intel® LGA 1700 Socket Processors, TDP support up to 125W |
| | Chipset | Intel® R680E/Q670E Chipset |
| | Memory | Four 288-pin UDIMM up to 128GB Dual Channel DDR4 3200 MHz (ECC support: R680E only) |
| | BIOS | AMI SPI 256Mbit |
| Graphics | Controller | Intel® HD Gen 9 Graphics |
| | Feature | OpenGL 4.5, DirectX 12, OpenCL 2.1 |
| | | HW Decode: AVC/H.264, MPEG2, VC1/WMV9, JPEG/MJPEG, HEVC/H265, VP8, VP9 HW Encode: MPEG2, AVC/H264, JPEG, HEVC/H265, VP8, VP9 |
| | Display | 1 x VGA, VGA: resolution up to 1920x1200 @ 60H |
| | | 2 x DP++, DP++: resolution up to 4096x2304 @60Hz 1 x HDMI 2.0a, HDMI: resolution up to 4096x2160 @ 24Hz |
| Quad Displays | VGA + 2 x DP++ + HDMI | |
| Expansion | Interface | 1 x PCIe x16 (Gen 5), 4 x PCIe x4 (Gen 4), 2 x PCI, 1 x M.2 2230 E key, 1 x M.2 2242/2260/2280 M key, 1 x M.2 2242/2260/2280 M key (PCIe x4 Gen3 NVMe/Intel Optane Memory support) |
| Audio | Audio Codec | Realtek ALC888 |
| Ethernet | Controller | 1 x Intel® I226-LM PCIe (10M/100M/1000Mbps/2.5G) (only Xeon, Core i9/i7/i5 support iAMT) TSN |
| | | 1 x Intel® I226-V PCIe (10M/100M/1000Mbps/2.5G) TSN |
| | | 2 x Intel® x550-AT2 (10 GBASE-T/1 GbE/100 Mbps)(R680E only, no support WOL) |
| Rear I/O | Ethernet | 2 x 2.5GbE, 2 x 10GbE |
| | USB | 4 x USB 3.2 Gen2, 4 x USB 3.2 Gen1 |
| | Display | 1 x VGA, 2 x DP++, 1 x HDMI 2.0a |
| | Audio | 1 x Line-out, 1 x Mic-in, 1 x Line-in |
| Internal I/O | Serial | 2 x RS-232/422/485 (RS-232 w/ power) (2.54mm pitch) |
| | | 4 x RS-232 (2.54mm pitch) |
| | USB | 2 x USB 3.2 Gen2 Key B box header (R680E Gen2 ; Q670E Gen1), 2 x USB 2.0, 1 x USB 2.0 Vertical Type A |
| | Audio | 1 x Front Audio Header, 1 x S/PDIF |
| | SATA | 4 x SATA 3.0 (up to 6Gb/s), RAID 0/1/5/10 |
| | PS/2 | 1 x PS/2 (2.54mm pitch) |
| | DIO | 1 x 8-bit DIO |
| SMBus | 1 x SMBus | |
| Watchdog Timer | Output & Interval | System Reset, Programmable via Software from 1 to 255 Seconds |
| Security | TPM | Nuvoton TPM2.0 |
| | Type | ATX |
| Power | Connector | 8-pin ATX 12V power, 24-pin ATX power |
| | RTC Battery | CR2032 Coin Cell |
| | OS Support | Microsoft Windows 10 IoT Enterprise 64-bit Windows 11 Enterprise Linux |
| Environment | Temperature | Operating: -5°C ~ 65°C Storage: -30°C ~ 60°C with RTC Battery; -40°C ~ 85°C without RTC Battery |
| | | Humidity |
| Mechanical | Dimensions | ATX Form Factor, 305mm (12") x 244mm (9.6") |
| | Height | PCB: 1.6mm Top Side: 33.3mm Bottom Side: 4mm |
| | | Certifications |

お問い合わせメール: sales@advanet.jp