

2025 New Products

EMBEDDED COMPUTING

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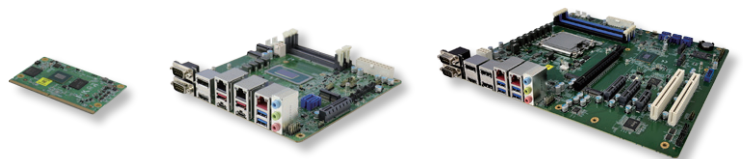
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iBASE

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AGS104L

IoT Gateway Edge Computer Intel® Atom® x7211RE Processors



- Fanless system with iBASE MBE104T-1 proprietary board
- Intel® Atom® x7211RE Processor
- HDMI & DisplayPort, USB Type-C (For DP & USB 3.2)
- M.2 B-Key 3052 supports (5G/4G/LTE) module, M.2 E-Key 2230 supports WiFi/BT
- Full-size Mini PCI-E for mSATA
- 2x 2.5G LAN port, 3x USB 3.2, 2x COM (RS232/422/485)
- 9V~36V DC wide-range power input, Support Over/Under/Reverse voltage protection
- Supports wide-range operating temperature from -40°C to 70°C
- Supports wall mounting & fTPM 2.0

ACS200-210

Advanced Compact System Intel® Atom® x7000E Series / N-Series / Core™ i3-N305 Processors



- Intel® Atom® x7000E Series / N-series / Core™ i3-N305 Processors
- Rich I/O supports 2x COM, 4x optional power COM
- 4x DI, 4x DO
- USB Type-C with alternate mode, PD up to 60W
- 2x USB 3.2, 4x USB 2.0
- Supports M.2 (2230) sockets for Wi-Fi / BT and M.2 (3052) 4G/5G communication with Nano SIM slot
- Supports TPM 2.0 hardware security
- 9V~36V DC wide-range power input
- VESA 75x75 and 100x100mm wall mounting

ISR215L

Edge Computer NXP i.MX 8M PlusLite - ARM Cortex-A53 Quad Processor



- NXP i.MX 8M PlusLite - ARM Cortex-A53 Quad processor
- 3GB LPDDR4, 16GB eMMC & SD socket for expansion
- Embedded I/O, USB, HDMI, Ethernet
- Supports M.2 B-Key (3052) for 5G connectivity
- Ruggedized and fanless design
- Wide-range operating temperature (-40°C~70°C)

ISR500

Edge Computer

MediaTek Genio 700 (MT8390) or MediaTek Genio 510 (MT8370) Processors



- MediaTek Genio 700 (MT8390) 2.2GHz or MediaTek Genio 510 (MT8370) 2.0GHz processors
- Onboard 4GB LPDDR4 with 4000MT/s
- Embedded I/O for COM, GPIO, USB, HDMI, Ethernet
- Supports M.2 E-Key (2230) for WiFi6 2T2R + BT 5.2 connectivity
- Ruggedized and fanless design

Preliminary

SW-602-N

Waterproof/Wide-Range Temperature Signage Player

11th Gen Intel® Core™ / Celeron® U-Series Processors



- iSMART smart control energy-saving & Observer remote monitoring technologies
- 11th Gen Intel® Core™ / Celeron® U-Series processors
- 1x DDR4-3200 SO-DIMM, Dual channel, Max. 64GB
- 2x HDMI 2.0 (M25)
- 2x USB 3.1 (M12), 1x Gigabit LAN (M12)
- 1x M.2 M-Key (2280)
- Wide-range operating temperature from -40°C to 75°C
- IP65 front panel waterproof and fanless design

Intelligent Transportation

MPT-3100R

EN50155/EN45545 Certified Intel® Atom® x7000RE Series Processor
Railway Computer System with WWAN Redundancy



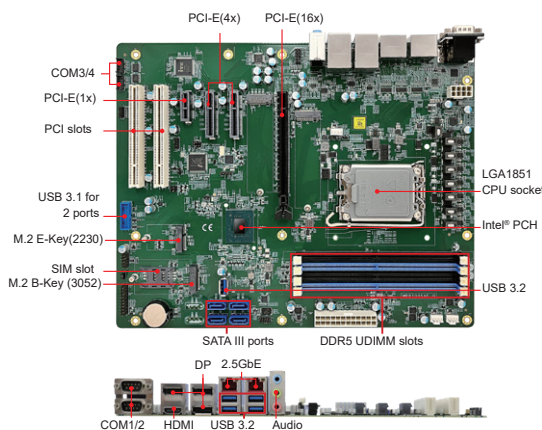
- Fanless and ruggedized design
- Robust M12 connectors for dual GbE, USB and power input
- Dual SIM sockets support WWAN redundancy
- Onboard isolated CAN 2.0A / 2.0B / CAN-FD
- Removable 2.5" device bay for SSD storage
- Rich I/O interfaces for wireless, SSD, GPS, WWAN and add-on card expansion
- Wide-range voltage GPIO interface diagnostics
- EN50155 (2021) / EN45545-2 certified

MBB1005

ATX Motherboard

Preliminary

Intel® Core™ Ultra 200S Series DT processors (Arrow Lake-S)



- Intel® LGA1851 Core™ Ultra 9/7/5 200S Series Processors, up to 65W
- 4x DDR5 U-DIMM sockets, Max. 192GB
- Intel® Core™ Ultra processor integrated graphic supports HDMI (2.0b) and 3x DisplayPort (1.4) (DP++)
- LAN 1: Intel® I226LM, supports 2.5G and iAMT
- LAN 2: Intel® I226V, supports 2.5G only
- 7x USB 3.2, 2x USB 2.0, 4x COM, 4x SATA III
- 1x PCI-E (x16) [Gen.5.0]; 2x PCI-E(x4) [Gen.4.0]; 1x PCI-E(x1) [Gen.4.0]; 2x PCI
- 4x M.2, including E-key(2230), B-Key(3052) and 2x M-Key(2280)
- Watchdog timer, Digital I/O, iAMT(19.0), TPM(2.0)

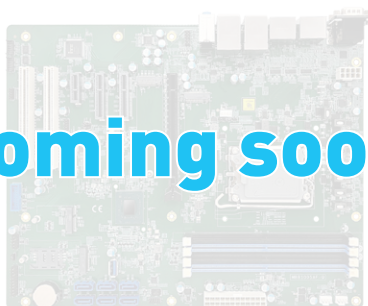
MBB1002

ATX Motherboard

AMD EPYC Embedded 8004 Series Processors



Coming soon



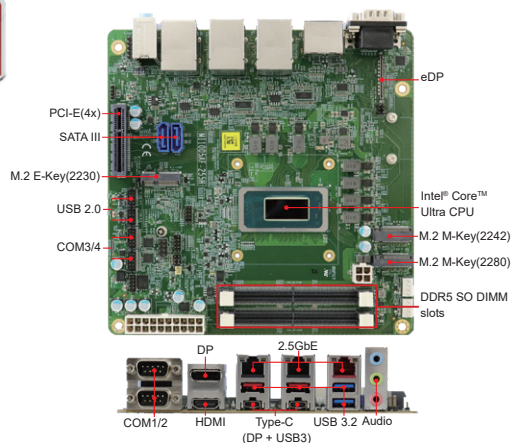
- AMD EPYC Embedded 8004 series Processors
- 6x DDR5 4800, up to 768GB, supports ECC
- 5x PCI-E x16 slots
- 3x USB 3.2 Gen1: 2x USB 3.2 Gen1 with PDPC support; 1x USB 3.2 Gen1
- 4x SATA 6Gb/s
- 1x PCI-E Gen5 22110/2280, 2x MCIO x4
- 2x Intel® X710-AT2 (Dual 10GbE port)
- 1x VGA (via IPMI option)

MI1005

Mini-ITX Motherboard

Preliminary

Intel® Core™ Ultra 200H/200U Series mobile Processors (Arrow Lake-U/H)

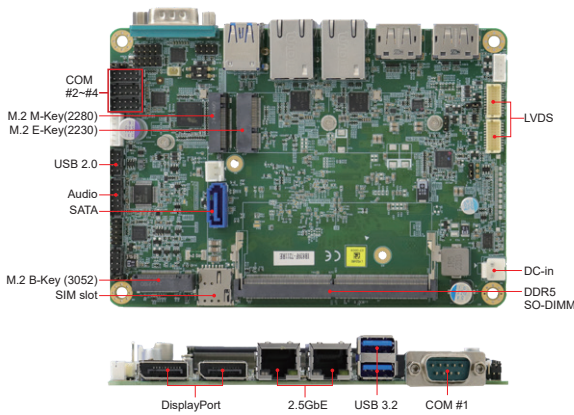


- Intel® BGA2049 Core™ Ultra 9/7/5 200H/200U Series mobile onboard processors, up to 65W
- 2x DDR5 SO-DIMM sockets, Max. 96GB, Non-ECC
- Supports eDP(1.4b), 2x Type-C, HDMI (2.1) and DisplayPort(1.4) (DP++)
- LAN 1: Intel® I226LM, supports 2.5G and iAMT
- LAN 2 / LAN 3: Intel® I226V, supports 2.5G only
- 2x USB 3.2 (Type A), 2x USB Type-C, 4x USB 2.0, 4x COM, 2x SATA III
- 1x PCI-E (x4) [Gen.4.0]; 3x M.2 (E-key @2230 and 2x M-Key @2280 & 2242)
- Watchdog timer, Digital I/O, iAMT (19.0), TPM (2.0)

IB839

3.5" Single Board Computer

Intel® Atom® x7000RE or N-Series Processor



- Onboard Intel® Atom® x7000RE series or N-Series processor
- 1x DDR5-4800 SO-DIMM, Max. 16GB
- Supports 2x DisplayPort (DP++) and eDP or LVDS
- 2x PCI-E 2.5G LAN, 4x COM ports
- 2x USB 3.2 (Type-A), 4x USB 2.0, 1x SATA III
- 3x M.2 sockets (M-key, E-key & B-key)
- +12V~+24V DC wide-range power input
- Watchdog timer, Digital I/O, dTPM

IB301

3.5" Single Board Computer

AMD Ryzen™ Embedded 8000 Series Processors



Coming soon



- AMD Ryzen™ Embedded 8000 Series APU on board, up to 8 cores/16 threads
- Dual-channel SO-DIMM, DDR5 5600, Max. 128GB (per DIMM), Total capacity: 256GB
- 1x eDP, 1x LVDS, 1x DP 2.1, 1x HDMI 2.1
- 2x Intel® I226-V 2.5 Gigabit LAN, 2x USB3.2, 4x USB 2.0
- 1x M.2 B-Key for 5G or LTE options
- 1x M.2 E-Key for Wi-Fi, Bluetooth or capture card options
- Supports 2x RS232/422/485 COM port, 2x RS232 COM port

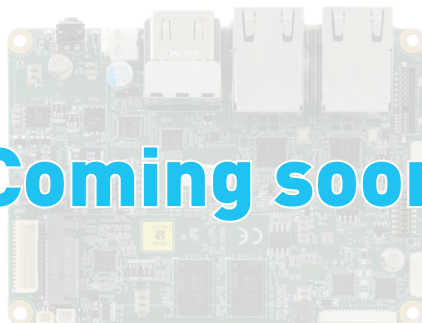
PI800

PICO-ITX Motherboard

Intel® Atom® x7000RE Series Processors



Coming soon



- Onboard Intel® Atom® x7000RE Series Processors
- 1x DDR5-4800 SO-DIMM, Max. 16GB
- Supports HDMI (2.0b) and DisplayPort (1.2a)
- 2x RTL-8125BI PCI-E 2.5G LAN, 2x COM ports
- 4x USB 3.2 (Type-A), 2x USB 2.0, 1x SATA III
- 1x M.2 sockets (M2242 [SATA + PCI-E] + E2230 [USB + PCI-E])
- Watchdog timer, Digital I/O, TPM (2.0), +12V only DC-in
- PCB dimensions: 100mm x 72mm

RM-N95

SMARC 2.1 CPU Module

NXP i.MX 95 Six Cortex-A55/Cortex-M33/Cortex-M7 processors



Coming soon



- NXP i.MX 95 Six Cortex-A55/Cortex-M33/Cortex-M7 processors
- 4GB LPDDR 4x on board (optional, 2GB or 8GB)
- 16GB eMMC on board (optional up to 256GB)
- Up to 2.0 GHz with a NPU of 2.0 TOPS
- 1x MIPI-DSI 4-lane up to 1920 x 1080 at 60 Hz
- 1x 2-ch LVDS 4-lane (1-ch LVDS mux with MIPI-DSI)
- 1x MIPI CSI-2 4-lane
- 2x integrated GbE
- Validated with Yocto 4.3 / Android 13
- Compliant with SMARC™ 2.1 specification

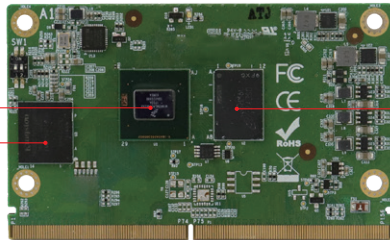
RM-N8MPL

SMARC 2.1 CPU Module

NXP ARM® i.MX 8M Plus QuadLite Cortex-A53 Processor



NXP i.MX 8M Plus QuadLite Cortex-A53 Processor
16GB eMMC



3GB LPDDR4

- NXP ARM® i.MX 8M Plus QuadLite Cortex-A53 Processor
- 3GB LPDDR4, 16GB eMMC on board
- Rich peripheral I/O support
- Validated with Yocto 4.0 (sumo, kernel 5.4.70) / Android 11
- Long-term supply with NxP solution
- Compliant with SMARC™ 2.1
- Wide-range operating temperature from -40°C to 85°C

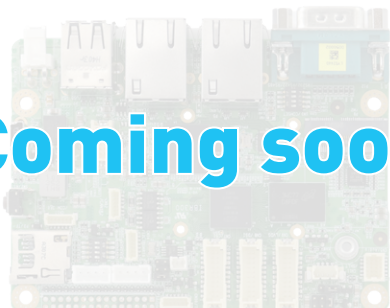
IBR-SMB

Ultra-Compact Single Board Computer

NXP ARM® Cortex-A53 i.MX8M Plus Lite Processor



Coming soon



- 1GB LPDDR4, 4GB eMMC
- 1x RJ45, 1x MicroSD, 2x USB OTG
- 2-ch LVDS 8-lane WTB connector
- 5V DC input
- Ruggedized and fanless design
- PCB dimensions: 65mm x 45mm
- Wide-range operating temperature from -40°C to 85°C