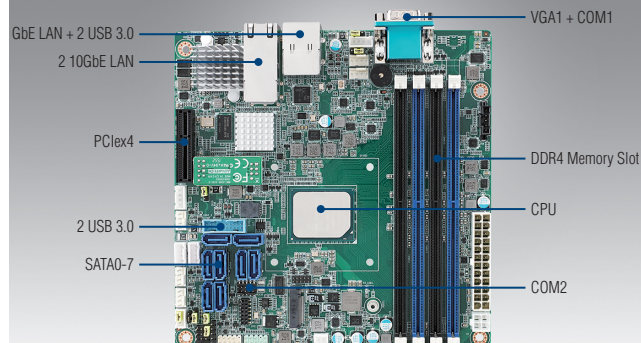


ASMB-260

Intel® Atom® C3000 Mini-ITX Server Board with 4 DDR4, 1 PCIe x4, 8 SATA3, 4 USB 3.0, Dual 10GbE, IPMI

NEW



CE FCC

Features

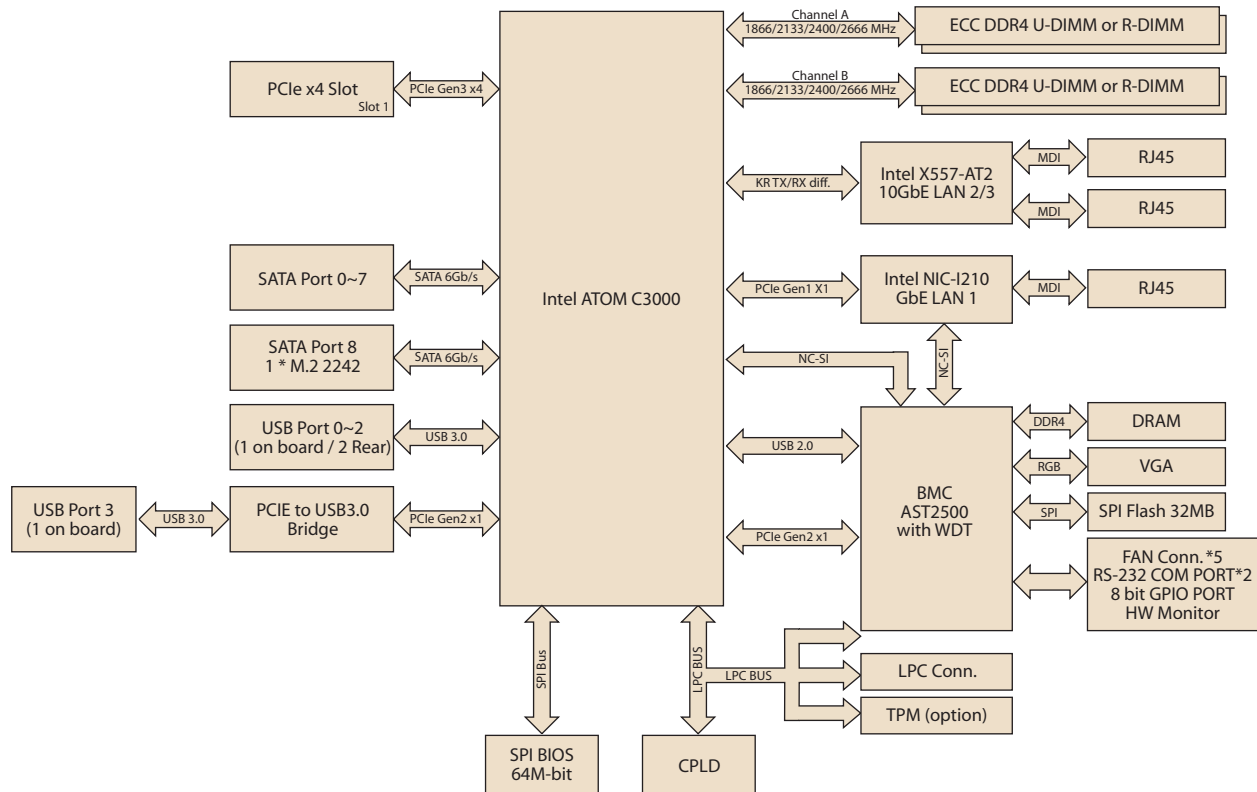
- Mini-ITX server board with Intel® Atom® C3000 processor
- Four DDR4 2400MHz ECC/Non-ECC UDIMM up to 64GB or four DDR4 2400MHz RDIMM up to 128GB
- One PCIe x4, 8 SATA III, one M.2, four USB 3.0, and two 10GbE/one GbE LAN
- 0 ~ 60 °C ambient operation temperature range

Specifications

Form Factor	Mini-ITX form factor	
Processor System	Socket	Onboard SOC
	CPU type	Intel® Atom® C3000
Core Logic	Chipset	N/A
	Total slots	4 (Dual Channel)
Memory	Capacity	Maximum 128GB for RDIMM Maximum 64GB for UDIMM
	Memory type	DDR4 2400/2133/1866/1600 MHz DIMM
	Memory size	4 GB, 8 GB, 16 GB, 32GB (only for RDIMM)
	Total PCI/PCI-X/PCIe slots	1
Expansion Slots	Slot location 1	PCIe x4 slot (Gen3 x4 link)
Graphics	VGA	Aspeed AST 2500
Storage	IDE controller	-
	SATA controller	8 x SATA III + 1 x M.2 6 Gb/s ports
	SAS controller	-
Networking	GbE/10GbE LAN	Intel I210AT/Intel X557-AT2 (dual 10GbE ports)
Onboard I/O Connector	LPC connector	1
	PSU connector	24-pin ATX power connector or 4-pin 12V DC input
	USB connector	1 x USB3.0 pin header (supports 2 x USB 3.0 port*)
	Fan header	5 x 4-pin (4 for system + 1 for CPU)
	SMBus	1
	Chassis intruder	1
	Front LAN LED	1
	Audio Header	-
	Serial port header	1
	External serial port	1
Rear I/O Connector	External USB port	2 (supports 2 x USB 3.0)
	VGA port	1
	RJ-45	3 (share NIC for IPMI function)
	PS/2 KB/mouse	-
	Software	-
Management Solution	Out of band remote management	Yes
	CPU temperature	Yes
Monitoring	System Monitoring	Yes
	Output	System reset
Watchdog Timer	Interval	Programmable 1 ~ 255 sec/min
	Power On	3.3V 5V 12V 5Vsb -12V
Power Requirement		0.10A 0.10A 6.41A 0.54A 0A
	Operating	Non-operating
	Temperature	0 ~ 60 °C, depends on CPU speed and cooler solution
Environment	Humidity	-40 ~ 85 °C
		10% ~ 95% (Non condensing)
Physical Characteristics	Dimension (L x H)	170 x 170 mm (6.7" x 6.7")

*USB boot feature can't be supposed on USB port 4.

Block Diagram



Ordering Information

Part Number	CPU	Memory	10GbE Lan	GbE Lan	SATA	M.2	VGA	IPMI
ASMB-260T2-22A1	C3758	4 xDDR4 RDIMM/UDIMM	2	1	8	1	AST 2500	Yes
ASMB-260I-22A1	C3758	4 xDDR4 RDIMM/UDIMM	-	1	8	1	AST 2500	Yes
ASMB-260I-21A1	C3558	4 xDDR4 RDIMM/UDIMM	-	1	2	0	AST 2500	Yes

Packing List

Part Number	Description	Quantity
2061260I00	Driver CD	x 1
2001026000	Start manual	x 1
1960052312T020	I/O shield	x 1
1700003194	SATA Data Cables	x 2
1930007120-01	Screw for M.2 device	x 2
1700024372-01	SATA Power cable	x 2

Optional Accessories

Part number	Description
1960080721N001	Atom C3000 cooler for 1U/2U and tower chassis
1700019414	COM port cable w/o bracket
1700002204	Dual port USB 2.0 cable (27 cm) with bracket
1700020277-01	Dual port USB3.0 cable (30 cm) with bracket
1920000406T110	1U I/O shield

Note: Purchasing ASMB-260's proprietary CPU cooler from Advantech is a must.

I/O View



ASMB-260T2-22A1



ASMB-260I-22A1
ASMB-260I-21A1

Mouser Electronics

Authorized Distributor

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