Product Overview

Vendor	Formfactor	Product	CPU Vendor	Platform	Generation	CPU	Soldered CPU	Chipset	DDR3L	DDR4	DDR5	soldered onboard	SO-DIMM	DIMM-Socket	max. Size	soldered onboard	Standard SSD	Graphic	LVDS	eDP	MIPI-DSI	V-by-One	USB-C	USB 2.0	USB 3.2 Gen1 (USB 3.0)	USB 3.2 Gen2 (USB 3.1)	USB 3.2 Gen2x2	USB 4.0	GbE Ethernet	2.5 GbE Ethernet	RS232/422/485	RS232	UART	SATA	SATA Power	I2C or SMBus	GPIO	miniPCIe/mSATA	M.2	Audio	HDA w. Aplifier	TPM	CAN	SPI	eSPI	SDIO	Printer (Parallel) port	PCIe x 16	PCIe x 8	PCIe x 4	PCIe x 1	PCI	DC-in	Operating Temp. 0°...+60°C	-20°...+70°C	-25°...+80°C	-40°...+85°C	* optional or Please check Datasheet and Manual: Others
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Motherboard																																																								
Mini-ITX																																																								
iBASE	Mini-ITX	MI997	Intel		12th	Socket Type LGA1700		SoC			x		x		64GB			HDMI, 2x DP	x					4x		6x			2x		2x	2x		2x	x		8-bit		3x	x		x								1x		12-24V	x				
iBASE	Mini-ITX	MI836	Intel	Elkhart Lake		Atom x6425E, x6413E, 6211E	x	SoC		x			x		32GB			HDMI, VGA	x	x*				4x		3x			2x		2x	2x		1x	x		8-bit		3x	x	x	x								1x		12-24V	-40°...+70°C				
iBASE	Mini-ITX	MI996	Intel	Coffee Lake	9th	Xeon E-2276, Core i7-9850HE, Core i3-9100HL, Celeron G4930E	x	CM246, QM370, HM370		x			x		32GB			DP, DVI, HDMI		x				4x		6x			2x		2x	2x		2-4x			8-bit	1x	2x	x		x										ATX	X				iAMT (11.6)*
iBASE	Mini-ITX	MI999	Intel		10th	Socket Type LGA1200		W480E, Q470E, H420E		x			x		64GB			DP, HDMI, DVI	x	x				4x			6x		2x		0-2*	2-4x		4x			8-bit			x		x										ATX	X				
ADVANTECH	Mini-ITX	AIMB-208	Intel		13th 12th	Socket Type LGA1700		H610		x			x		64GB			1-2xDP, HDMI	x*	x*				6x	2-4x*					2x	1x	5x		2x			8-bit		1x	x	x	x*					1x					12V ATX	x				
ADVANTECH	Mini-ITX	AIMB-279	Intel		13th 12th	Socket Type LGA1700		Q670E/H610E		x			x		64GB			HDMI, 2x DP	x	1x*				2x	2x	2x			1x	1x	1x	1x		2x			8-bit		2x	x							1x					24V					
ADVANTECH	Mini-ITX	AIMB-278	Intel		12th	Socket Type LGA1700		Q670E, H610E			x				64GB			HDMI, DP	x	x				0-2x			4-6x			2x				3x			8-bit		2x	x		x					1					ATX	x				
ADVANTECH	Mini-ITX	AIMB-277	Intel		10th	Socket Type LGA1200		Q470E, H420E			x		x		64GB			DP, HDMI, VGA	x	*							8x*		2x		2x			3x			8-bit		2x	x		x					2					ATX	x				
ADVANTECH	Mini-ITX	AIMB-276	Intel		8th	Socket Type LGA1151		Q370		x			x		64GB			2x DP, HDMI	x	*			*		4x	5x			2x		1x	1x		3x	x		8-bit		2x	x		x										12-24V or 12V	x				
NEXCOM	Mini-ITX	X302, mITX	Intel			Socket Type LGA1151		Q370, H310		x			x		32GB			VGA, HDMI,	x					3-6x	4x				2x		3x			2x	x		8-bit		2x	x	x						1					12V	-5°...+60°C				
Thin Mini-ITX																																																							
NEXCOM	Thin Mini ITX	X304, mITX	Intel	Raptor Lake-S Alder Lake-S	13th 12th	Socket Type LGA 1700		Q670E, H610E			x		x		64GB			3x HDMI	x*	x*				0-4x			3-4x		1x	1x	2x	1-2x			2x	x	8-bit		3x	x	x											12V or 12-24V	x				
NEXCOM	Thin Mini ITX	X300, mITX	Intel					Q370, H310																																																
NEXCOM	Thin Mini ITX	V1000, mITX	AMD			Ryzen Embedded V1605B	x	SoC		x			x		32GB			4x HDMI						2x		4x				2x		4x		1x	x		x		2x	x								1x			12V	-5°...+60°C				
ADVANTECH	Thin Mini ITX	AIMB-219	Intel	Alder Lake-N		Core i3-N305, N200, N97, N50	x	SoC		x			x		16GB			HDMI, DP	x	x*			1x	5x		3x				2x	5x	1x		1x			8-bit		2x	x	x								1x		12V	x				
ADVANTECH	Thin Mini ITX	AIMB-218	Intel	Elkhart Lake		N6211, N6210, J6426, J6413, J6412, x6413E	x	SoC		x			x		32GB			HDMI, DP	x*	x*				5x	3x		3		2x		2x	2x*		1x	x		8-bit		2x	x	x	x							1x		12V	x	x			
		AIMB-217		Apollo Lake																																																				
ADVANTECH	Thin Mini ITX	AIMB-288	Intel		12th	Socket Type LGA1700		H610E			x		x		64GB			3x DP		x*					6x				2x		2x			1x	x				2x	x	x											19-24V	x				MXM Graphic Card
ADVANTECH	Thin Mini ITX	AIMB-287	Intel		10th	Socket Type LGA1200		H420E		x			x		64GB			2x HDMI		x*					6x				2x		2x*	2x*		2x			8-bit		2x	x										12-24V	x				
ADVANTECH	Thin Mini ITX	AIMB-286	Intel		9th 8th	Socket Type LGA1151		H310		x			x		64GB			DP, HDMI	x	*				4x	3x				3x		2x	4x		3x	x		16-bit		2x	x		x							1x		12V	x				
ADVANTECH	Thin Mini ITX	AIMB-228	AMD	Ryzen V1000 Ryzen R1000			x																																																	
Micro ATX																																																							
iBASE	Micro ATX	MB998	Intel		13th 12th	Socket Type LGA1700		R680E, Q670E, W680			x			x	64GB			HDMI, DP, DVI-D						2x		2x	4x			2x	2x	2x		4x			8-bit		4x	x		x					1x		2x			ATX	x				
ADVANTECH	Micro ATX	AIMB-588	Intel		12th	Socket Type LGA1700		Q670E, R680E, H610E			x			x	128GB			HDMI, 2x DP		1x			x*	4x	2-3x	2-5x			1x*	3x*				4-8x			8-bit		1x*	x		x*					1x	1x*	2x			ATX	x				
ADVANTECH	Micro ATX	AIMB-522	AMD	Ryzen 5000		Socket Type AM4		x570		x				x	128GB			VGA, HDMI, DP						3x			8x		2x	2x	2x	4x		4x			8-bit		2x	x		x*					1x		2x			ATX	x				
ATX																																																							
iBASE	ATX	MBB-1000	Intel		13th 12th	Socket Type LGA1700		R680E, Q670E		x				x	128GB			HDMI, DVI-D, 2x DP						2x	4x	4x				2x	2x	2x		4x			8-bit		4x	x		x					1x		2x	1x	2x	ATX	x				
ADVANTECH	ATX	AIMB-788	Intel		13th 12th	Socket Type LGA1700		Q670E		x				x	128GB			VGA, HDMI, DP						8x	4x	8x			2x		1x	5x		4x			8-bit		1x	x		x*					1x	1x	3x		1x		x				
ADVANTECH	ATX	ASMB-788	Intel		13th 12th	Socket Type LGA1700		W680			x			x	128GB			VGA, HDMI, DP						6x	3x	4x			2-4x			6x		4x			8-bit					x*		x	x			1x		4x		2x		x				
ADVANTECH	ATX	AIMB-708	Intel		13th 12th	Socket Type LGA1700		H610		x				x	64GB			HDMI, VGA						5-6x		2-4x			1-2x		1x	2-5x		4x			8-bit		0-1x			x*		x			1x		2x		4x		x				
ADVANTECH	ATX	AIMB-787	Intel			Socket Type LGA1200		Q470E																																																
ADVANTECH	ATX	ASMB-787	Intel			Socket Type LGA1200		W480E																					2-4x																												