



**Product Overview**

Product Overview			CPU					Memory				SSD	Interfaces																		Operating Temp.			* optional or Please check Datasheet and Manual																				
Vendor	Formfactor	Product	CPU Vendor	Platform	Generation	CPU	Soldered CPU	Chipset	DDR3L	DDR4	DDR5	soldered onboard	SO-DIMM	DIMM-Socket	max. Size	soldered onboard	Graphic	LVDS	eDP	MIPi-DSI	V-by-One	USB-C	USB 2.0	USB 3.2 Gen1 (USB 3.0; 5Gb)	USB 3.2 Gen2 (USB 3.1) 10Gb	USB 3.2 Gen2x2 (20Gb)	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. Apilfier	TPM	CAN	eSPI	Printer (Parallel) port	PCIe x 16	PCIe x 8	PCIe x 4	PCIe x 1	PCI	DC-in	0° ...+60° C	-20° ...+70° C	-40° ...+85° C	Others
<b>2,5" Pico-ITX</b>																																																						
<b>High Performance</b>																																																						
ADVANTECH	2,5"	<a href="#">MIO-2375</a>	Intel	Tiger Lake-U	11th	Core i7-1185G7E, i5-1145G7E, i3-1115G4E, Celeron 6305E	x	SoC			x				x	DP		x	*			2x		2x		2x	1x	1x			1x	x	x	4-bit	2x		x							12V	x		x							
<b>Low Powerconsumption</b>																																																						
iBASE	2,5"	<a href="#">IB200</a>	AMD	Ryzen R2000		Ryzen Embedded R2514, R2314, R2312	x	SoC	x	x				8GB		2x HDMI	x					3x	2x		2x	2x	2x			1x	x		8-bit	2x	x		x							12V	x									
congatec	2,5"	<a href="#">conga-PA7 HOT</a>	Intel	Elkhart Lake		Atom x6425E, x6413E, x6211E, x6425RE, x6414RE, x6212RE, Pentium J6426, Celeron J6413	x	SoC			x				x	DP++	x	*	*		x*	2x	2x		1x	1x	2x					x	8-bit	2x	x		x	*							12V	x		x						
ASUS IoT	2,5"	<a href="#">2.5" ASUS IoT Elkhart Lake SBC ↓*</a>	Intel	Elkhart Lake		Atom x6425RE, x6425E, x6413E, x6211E, ↓*	x	SoC	x	x				8GB	x	2x HDMI	1	1*				2x	2x		2x	2x							8-bit	2x		x								12-24V	x		x							
ADVANTECH	2,5"	<a href="#">MIO-2364</a>	Intel	Alder Lake-N		Core i3-N305, N97, Atom x7211E	x	SoC		x	x			16GB		HDMI	x					2x		2x		1x	2x			1x	x	x	8-bit	2x	x		x							12V	x			optional: PoE/PD or PSE Module						
ADVANTECH	2,5"	<a href="#">MIO-2363</a>	Intel	Elkhart Lake		Atom x6425E, x6213E, x6211E	x	SoC			x				x	HDMI	x					2x	2x		2x	2x					x	8-bit	2x	x		x							12-24V		x									