

Product Overview

Product Overview			CPU														Memory					SSD		Interfaces														Operating Temp.*				* optional or Please check Datasheet and Manual					
Vendor	Formfaktor	Produkt	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	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. Amplifier	TPM	DC-in	0°...+60°C	-20°...+70°C	-25°...+80°C	-40°...+85°C	Others

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- Fortec Box PC
- Box PC
- Edge AI Systems

For configured Box PC with SSD, Memory or CPU please ask PM!

Box PC			Fortec Embedded BoxPC Pro Series																												Edge AI Systems / Box PCs																
FORTEC	Box PC Fortec	BoxPC Pro NPA-2009 ^{HOT}	Intel	Tiger Lake -U	11th	Core i5-1145G7E (Core i3-1115G4E*, Celeron 6305E*)	x	SoC	8GB		x							128GB	DP, DP (USB-C)		x*	x*	x	4-6x		3x	2x		*	1x	1x						3x	x	x	24V	0°...+45°C	V-by-One and eDP* via Docking Board Option: Windows 10 IoT					
FORTEC	Box PC Fortec	BoxPC Pro NPA-1904	Intel	Kabylake-U	7th	Core i5-7300U, i3-7100U	x	SoC	8GB		x							60GB	DP		x*			4x	4x		2x		2x*	2x							1x	x	x	24V	0°...+45°C	Option: Windows 10 IoT, 2x RS485					
FORTEC	Box PC Fortec	BoxPC PRO 7300	Intel	Kabylake-U	7th	Core i5-7300U	x	SoC	8GB		x							60GB	DP, HDMI		x*			2x	4x		2x		2x	2x						1x	x	x	9-24V	0°...+40°C	OS: Windows 10 IoT Enterprise 2019 LTSC						
ADVANTECH	Edge AI Systems / Box PC	AIR-150	Intel	Raptor Lake-P	13th	Core i5-1345UE, Core i3-1315UE	x	SoC			x	x					64GB		2x HDMI					1x	3x			1x	1x	2x							3x*	x	x	12-24V	-20°...+60°C	26 TOP AI (Hailo AI), 1x RS485, 2x CAN-Bus					
ADVANTECH	Edge AI Systems / Box PC	AIR-030	ARM	NVIDIA		Jetson Orin AGX 32GB, Jetson Orin AGX 64GB	x	SoC			x	x				64GB	x	64GB		1x HDMI				x*	2x*	5x			3x	4x							2x	x	x	9-36V	-10°...+60°C (+55°)	2x CAN-Bus, PCIe x8, 2x MIPI CSI, SD slot					
ASUS	Edge AI Systems / Box PC	MDS-M700	Intel	Raptor Lake-S Alder Lake-S	13th 12th	Socket Type LGA1700 CPU													4x DP, opt. NVIDIA RTX A5000/A4000/A2000/T1000				1x* (see USB-3.2 Gen2)	2x	4x			1x	2x	1x	9x					2x	x	tbd.	Medical PSU 500W						Compliant with IEC 60601-1-1/-2 standard 1x PCIe x16, 1x PCIe x4, 1x PCIe x8, 1x PCIe x4		
ASUS	Edge AI Systems / Box PC	Medical PC	Intel	Raptor Lake-S Alder Lake-S	13th 12th	Socket Type LGA1700 CPU													2x HDMI, 2x DP				1x* (see USB-3.2 Gen2x2)	2x	2x	4x	1x		1x	1x	2x	4x*		4x			8-bit*	1x	3x	x	tbd.	8-48V	upt to -20°...+60°C (check DS)	MIL-STD-810H, 1x PCIe x16, 3x PCIe x4, 2x PCIe x1 or PCIe x4, 2x PCIe x1			
ASUS	Edge AI Systems / Box PC	PE8000G	ARM	NVIDIA		Jetson Orin Nano 4G/8G, Jetson Orin NX 8GB/16GB		SoC			x						16GB		2x HDMI					3x*	3x			2x		2x								8-bit	3x		x	12-24V	-20°...+60°C	1x CAN-Bus, Micro SD Slot			
ASUS	Edge AI Systems / Box PC	PE1100N	Intel	Alder Lake-P Alder Lake-H	12th	Core i7-12800HE, Core i5-12600HE, Core i3-12300HE	x	SoC			x						64GB		2x HDMI, 2x DP, opt. 4x DP based on MXM GPU Spec.					1x	3x			1x	3x	2x	2x*		2x					1x	3x	x	x	8-48V	-20°...+60°C	POE+*, CAN-Bus*, MXM PCIe x8 slot			
ASUS	Edge AI Systems / Box PC	PE6000G	Intel	Raptor Lake-S Alder Lake-S	13th 12th	Socket Type LGA1700 CPU													2x HDMI, 2x DP					2x	2x	4x	1x		1x	1x	2x	4x*		4x					8-bit*	1x	3x	x	*	8-48V	upt to -20°...+60°C (check DS)	Support PCIe Gen5 and NVIDIA GPU card up to 450W	
ASUS	Edge AI Systems / Box PC	PE4000G	Intel	Raptor Lake-S Alder Lake-S	13th 12th	Socket Type LGA1700 CPU													2x HDMI, 2x DP					2x	2x	4x	1x		1x	1x	2x	4x*		2x						8-bit*	1x	3x	x	*	8-48V	upt to -20°...+60°C (check DS)	1x PCIe x16 or 2x PCIe x4 or 2x PCIe x8, 2x PCIe x4, Support NVIDIA® GPU card up to 200W

