



# Embedded Box PC Overview

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## Product Overview

Vendor	Formfaktor	Produkt	CPU Vendor	Platform	Generation	CPU						Memory				SSD		Interfaces																Operating Temp.*			Others				
						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

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### Box PC

#### Fortec Embedded BoxPC Pro Series

FORTEC	Box PC Fortec	<a href="#">BoxPC Pro NPA-2009 <sup>HOT</sup></a>	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	<a href="#">BoxPC Pro NPA-1904</a>	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	<a href="#">BoxPC PRO 7300</a>	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		

### Embedded Box PC

NECOM	Box PC	<a href="#">Neu-X60</a>	Intel	Alder Lake-N		N50	x	SoC	4GB			x							64GB	HDMI																					1x	x*			12V	0°...+40° C*									
NECOM	Box PC	<a href="#">Neu-X102</a>	Intel	Alder Lake-N		N50, N97, Core i3-N305	x	SoC	x			x								2x HDMI																					1x	1x		x*	12V	-5° C...+50° C									
NECOM	Box PC	<a href="#">Neu-X303</a>	Intel	Alder Lake-PS	12th	Socket Type LGA1700 CPU		SoC				x	x							1xDP, 2xDP (USB-C), 1x HDMI																							2x		x	12V	0° C...+50° C								
NECOM	Box PC	<a href="#">Neu-X303mini</a>	Intel	Alder Lake-PS	12th	Socket Type LGA1700 CPU		SoC				x	x							1xDP, 2xDP(USB-C), 1x HDMI																							2x		x	12V	0° C...+60° C								
NECOM	Box PC	<a href="#">Neu-X304</a>	Intel	Raptor Lake-S Alder Lake-S	13th 12th	Socket Type LGA1700 CPU		Q670E, H610E				x	x							3x HDMI,	x*	x*						4-5x			3-4x			1x	1x	2x*	2x*					8-bit*	3x			x	12V or 12-24V	-5° C...+45° C							
NECOM	Box PC	<a href="#">NDIS B561</a> <a href="#">NDIS B561-POE</a>	Intel	Alder Lake-S	12th	Socket Type LGA1700 CPU		Q670				x	x							3x HDMI,													8x		1x	2x	1x	3x				8-bit*	3x	x		x	12-24V	-20° C...+60° C							
NECOM	Box PC	<a href="#">NDIS B561S</a>	Intel	Alder Lake-S	12th	Socket Type LGA1700 CPU		H610E												2x HDMI								4x			2x			1x	1x	1x	3x					3x				12V	-0° C...+50° C								
NECOM	Box PC	<a href="#">NDIS B338-LITE</a>	Intel	Elkhart Lake		Celeron J6412	x	SoC				x								2x HDMI																								8-bit*	3x	x	x	x	12V	-20° C...+60° C					
NECOM	Box PC	<a href="#">NDIS B338</a>	Intel	Elkhart Lake		Celeron J6412	x	SoC				x								3x HDMI																								8-bit*	3x	x	x	x	12-24V	-20° C...+60° C					
NECOM	Box PC	<a href="#">Neu-X100</a>	Intel	Apollo Lake		Celeron J3455, N3350, Pentium N4200		SoC					x							2x HDMI																							1x	1x		opt.	19V	-5° C...+50° C							
NECOM	Box PC	<a href="#">Neu-X101</a>	Intel	Apollo Lake		Celeron J3455		SoC					x							2x HDMI																							1x	1x		opt.	12V	-5° C...+50° C							
NECOM	Box PC	<a href="#">NDIS V1100</a>	Intel	Tiger Lake -U	11th	Intel i7-1185G7E, i5-1145G7E, i3-1115G4E	x	SoC				x								4x HDMI																										8-bit		x	x*						
NECOM	Box PC	<a href="#">Neu-X300</a>	Intel	Coffee Lake	8th	Socket Type LGA1151 CPU		Q370, H310												2-3x HDMI																										1x		x*	12V	-5° C...+45° C	0-1x PCIe				
NECOM	Box PC	<a href="#">Neu-X302</a>	Intel		9th 8th	Socket Type		Q370, H310												VGA, HDMI																									2x	x		opt.	12V	-5° C...+45° C					
NECOM	Box PC	<a href="#">NDIS B337</a>	Intel	Apollo Lake																																																			
NECOM	Box PC	<a href="#">NDIS B360</a>	Intel	Tiger Lake -U	11th	Core i3-1115G4E, i5-1145G7E, i7-1185G7E	x	SoC					x							DP, HDMI																												x*	2x	x		x	12V	-20° C...+60° C	
NECOM	Box PC	<a href="#">NDIS B560S</a>	Intel																																																				
NECOM	Box PC	<a href="#">NDIS B560S</a>	Intel																																																				

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