

# B-NIMIS BC-PI PRO

## INFORMATION TECHNICAL DATA

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B-Nimis BC-Pi Pro	Specification		
	BC-Pi Pro S01	BC-Pi Pro S02	BC-Pi Pro S03
Order number	<b>S-01080101-0100</b>	<b>S-01080101-0200</b>	<b>S-01080101-0300</b>
Dimensions WxHxD [mm]	38 x 122 x 87		
Mounting	Rail mounting NS 35/7,5 EN 50022		
Certification	CE (EN 61131-2)		
Development environment	Raspberry OS		
	Compatible with Raspberry community		
CPU	BCM 2711, 1,5 GHz Quadcore		
RAM / Flash	1GB RAM / 8GB Flash	2 GB RAM / 8 GB Flash	4 GB RAM / 32 GB Flash
Communication interfaces	1x Ethernet 10/100/1000 Base, RJ45		
	1x EtherCAT LVDS		
	- WLAN / Bluetooth (optional)		
Protokolle	EtherCAT Master and others available via third party suppliers		
Visualization	via display interface		
	1x Host USB 3.0 / USB plug type A		
	1x Host USB 2.0 / USB plug type Typ A		
	1x digital display interface		
	1x uSD (SDXC)		
	1x 2 Pin JST for cooling fan (5V)		
	1x Real Time Clock, 72h Puffer		
Additional features	Extension: heat sink (Option: H002)		
	Extension: Fan (Option: H003)		
Supply voltage	+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection		
Current consumption	Type 0.3 A, max. 1.5A at +24 VDC		
Operating conditions Transport / storage	Ambient temperature: : Operational: -10 °C bis 40 °C (without additional cooling) / Transport -20 °C bis +70 °C Relative humidity: max. 85%, non-condensing		

### You can reach us at:

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# B-NIMIS BC-PI PRO

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P. 2/2

B-Nimis BC-Pi Pro	Specification		
	BC-Pi Pro S01	BC-Pi Pro S02	BC-Pi Pro S03
Emitted interference	EN 61000-6-4, Industrial area		
Immunity to interference	EN 61000-6-2, Industrial area		
Protection class	III		
Insulation strength	SELV (Uw < 30 V) according EN 61131-2		
Protection type	IP20		

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