

B-NIMIS BC-PI PRIME

INFORMATION TECHNICAL DATA

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B-Nimis BC-Pi Prime	Specification			
	Description	BC-Pi Prime S01	BC-Pi Prime S02	BC-Pi Prime S03
Order number	S-01080102-0100	S-01080102-0200	S-01080102-0300	
Dimensions WxHxD [mm]	58 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 / Retain	1GB RAM / 8GB Flash / 200 KB Retain	2 GB RAM / 8 GB Flash / 200 KB Retain	4 GB RAM / 32 GB Flash / 200 KB Retain	
Communication interfaces	1x Ethernet 10/100/1000 Base, RJ45			
	1x EtherCAT LVDS			
	- WLAN / Bluetooth (optional)			
Protocols	EtherCAT Master and others available via third party suppliers			
Visualization	via display interface			
	2x Host USB 3.0 / USB plug type A			
	2x Host USB 2.0 / USB plug type A			
	1x digital display interface			
	1x 2 Pin JST for cooling fan (5V)			
Additional features	1x Real Time Clock, 72h Puffer			
	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 0.5A, max. 2A at +24 VDC			
Operating conditions	Ambient temperature: : Operational: -10 °C bis 45 °C (without additional cooling) / Transport -20 °C bis +70 °C			
	Transport / storage	Relative humidity: max. 85%, non-condensing		

You can reach us at:

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B-Nimis BC-Pi Prime	Specification		
	BC-Pi Prime S01	BC-Pi Prime S02	BC-Pi Prime 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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