

(Unit : mm)

Product Specification

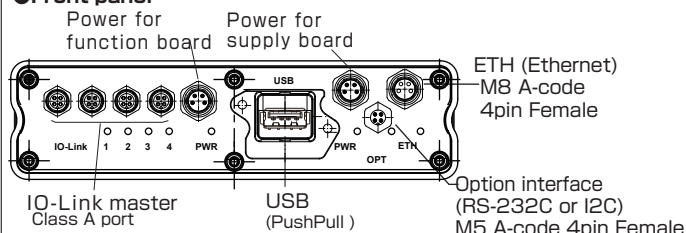
Processor	BCM2837B0, 1.2 GHz, quad-core	
Memory	1GB RAM, 8/16/32GB eMMC(Selectable)	
OS	Raspbian	
Interface	Front	2x Power: M8 A-code 4pin Male 1x LAN : M8 A-code 4pin Female 1x USB2.0: PushPull/USB2.0 Type-A 4x IO-Link: M5 4pin Female
	Back	1x microUSB: microUSB Type-B(eMMC only)
Option	Select by model	
Interface	1xRS-232C or I2C: M5 A-code 4pin Female	
LED	PWR: Power Status, ETH: LAN Status	
Power	DC10.7V~28.8V	
Power Consumption	10W	
Temperature	Operating: -20~55 °C, Storage: -25~85 °C	
Humidity	Operating: 0~95%(No condensation)	
IP	IP65/67	
Housing material	Aluminum powder coating	
Size	W132 x D87.1 x H35 mm (Not including protruding parts)	
Weight	approx. 600g	
Vibration/Shock	IEC 60068-2-6 / IEC 60068-2-27	
EMI	EN55016-2-3	
EMS	EN 61000-4-2	
	EN 61000-4-3	
	EN 61000-4-4	
Installation	DIN-Rail mount, Wall mount	
	Optional accessories are required separately.	

Feature

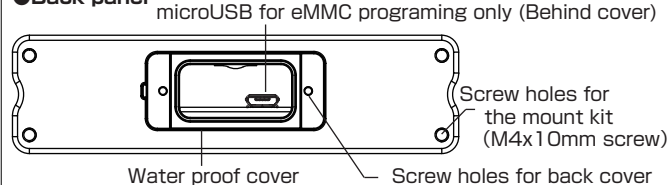
- Industrial Raspberry Pi
- Equipped with ComputeModule 3+
- Raspbian compatible
- DC12/24V power input
- Wide operating temperature range
- High noise resistance
- Waterproof, vibration-resistant and highly reliable M8, M5 connector
- Robust housing with aluminum die-cast housing
- Supports wall mount and DIN-rail mount
- on-board eMMC (No SD memory required.)
- 1 x USB 2.0 Type-A
- I2C or RS-232C can be selected by model no.(OPT)

Interfaces

●Front panel



●Back panel



Order information

[PN] 72MRIL1000R20 — Revision No.

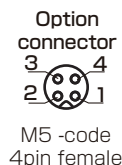
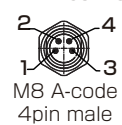
eMMC size
0 not select
1 8GB
2 16GB[std]
3 32GB

Interface options	Extended interface	Add-on software	Accessory
1 RS-232C[std]	0 Default[Fix]	0 No[std]	0 No[std]
2 I2C		1 CODESYS	1 Cables and caps included ※1x2, ※2, ※3x4, ※4, ※7, ※10

Optional accessories		Parts No.	
Power cable	M8 A-code	1m	21348100489010
	4pin Female - Open end	2m ※1	21348100489020
		5m	21348100489050
LAN Cable	M8 A-code 4pin Male-RJ45	1m	72M8M4RM4010LI
		2m ※2	72M8M4RM4020LI
		5m	72M8M4RM4050LI
OPT/IO-Link Cable	M5 4pin Male~Open end	1m	72M5M4010GO
		2m ※7	72M5M4020GO
IO-Link connector	M12 HARAX A-code female 4pin ※10		21033192401
	M12 HARAX A-code female 8pin		21033192801
PushPull Cable	PushPull USB - USB2.0 type-A	1m	09454451911
		2m	09454451913
		5m	09454451915
Dust Cap	for power port, M8 male IP67		72MICA0000033
	for LAN/ CAN/I2C port, M8 female IP67		72MICA0000034
	for IO-Link/OPT port, M5 female IP67 ※3		72MICA0000035
	for LAN/COM/DIO M12 female IP67		72MICA0000036
PushPull Cover	PushPull cover	Short ※4	09 45 845 0009
		Long	09 45 845 0015
Mount Kit	DIN-rail mount adpoter		20952000004
	Wall mount kit		20953000007

●Pin assign (M8, M5)

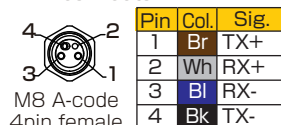
PWR connector



●PushPull connector optional accessory



ETH connector



IO-Link Master Class A

