TX-TEAM
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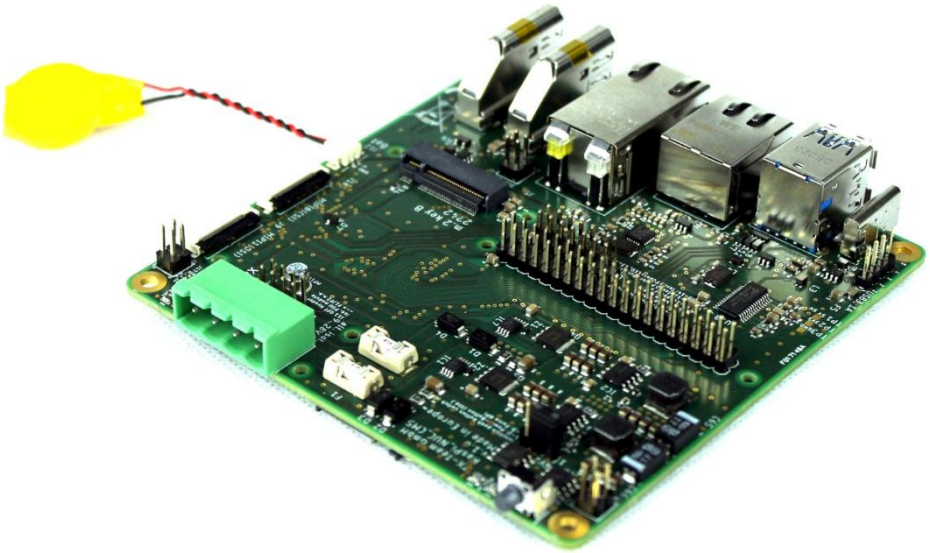
INDUSTRIAL COMPUTING

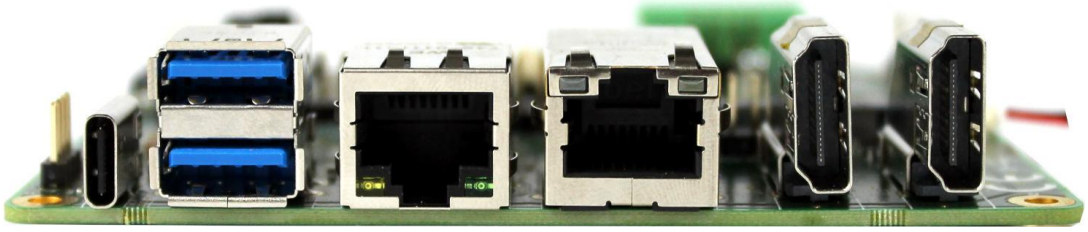
EMBEDDED / IoT / IIoT

TX-Team RasPi_NUC_CM5

Carrierboard für Raspberry PI Compute Module 5



This version of our Industrial Raspberry Pi Carrier Board is specifically designed for the CM5 modules. It is available with all available variants, offers a wide range of interfaces, and runs out-of-the-box with the official Raspberry Pi OS images.



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INDUSTRIAL EMBEDDED

Board

RasPi_NUC_CM5

PN: 100002031

Issued: 11/26

Status: released

Factsheet

Physical properties	
Dimensions	106x103x24 mm (WxDxH)
Cooling	Without (upon request)
Weight	0,1 kg
Hardware	
Formfactor	eNUC 10x10 cm (4"x4")
CPU	RaspberryPI CM5, Broadcom BCM2712, 4x2.4GHz
I/O	
I/O front	DC-In (isolated Wide-Input, PhoenixContact plug), 1x Power Button, 4x Status LED, 1x µSD, 1x SIM
I/O back	1x USB 2.0, 1x USB 3.0, 2x RJ45 (LAN + GLAN), 2x HDMI,1x USB 2.0 type-C (OTG)
I/O internal	RTC Battery, Multi-header (Force Rpi boot, eMMC write protect, WiFi/BT disable, external power button, LED, Power Header (5V/3V3), 40 pin Raspberry PI header, PoE header, m.2 2242 key B (USB + PCIe), MIPI DSI, MIPI CSI, Disable DSI header, 1x USB 2.0 header, CM5 socket (bottom side)
Power supply	
Power input	8..28V DC-In, max. 2A
Redundancy	-
Power draw	Idle: ~2.5W, full-load: ~12W
Compatibility	
OS	All official Raspberry PI Images (others upon request)
Others	-
Environment	
Operating temp. range / Humidity	-10..+70°C / 10…95%, non-condensing
Protection class	IP50
Compliance	
Conformity	CE, RoHS, REACH
General	
Scope of delivery	Board, CMOS battery (may not apply for international shipments)
Language	EN, DE
Long-term-availability	Until 2036
Warranty	3 years, bring-in
Origin	Europe
Tariff code	84715000000

Datasheet is subject to change without notice