

HIGHLIGHTS

- LOW POWER, FAN-LESS
- LCD 10,1" 1280x800P, WIDE SCREEN
- MULTI TOUCH SCREEN
- RASPBERRY PI 3B/3B+/4B
- ARM CORTEX CPU
- METAL HOUSING POWDER COATED
- CE-COMPLIANT
- FOR INDUSTRIAL APPLICATIONS



RPI - 10

Update: 02/2021

Hardware	Description
Type of device	RPi-10 in a housing of steel sheet (powder coated) with an integrated CPU Raspberry Pi 3B/3b+/4B; a 10,1" wide screen display and a multi-touch screen (1280x800 pixel). Application: All-in-one-PC with a VESA75 attachment on rear side.
Mainboard	CPU: ARM Cortex A53 / 4x 1,2GHz or A53 / 4x 1,4GHz or A72 / 4x 1,5 GHz Chipset: Broadcom BCM2387 WLAN: 802.11 b/g/n Bluetooth: Bluetooth 4.2 (Classic or LE) Ethernet: 10/100 Base T Ethernet socket / 4B: GBit Ethernet GPIO: 8x GPIO
Interfaces external (bottom side)	Serial: 3x USB2.0 / 4B: 1x USB 2.0, 2x USB 3.0 Network: 1x LAN 10/100Mbps Ethernet / 4B: GBit Ethernet Optional: Real-time clock (RTC), DIO with optocouplers, I <sup>2</sup> C, CAN, RS232
Interfaces internal	Type: Audio, HDMI, CSI Camera Interface
Main memory	RAM: 1GB LPDDR2
Mass memory	Micro-SD: 16GB SDHC Class10
Display	LCD: 10,1"; 300cd/m <sup>2</sup> ; 1280x800 Pixel, 1300:1
Touch screen	Type: Multitouch
Power input	Input voltages: 9 - 36VDC Wattage: max. 15W

Software	Description
Operation system	Raspbian, Windows 10 IoT Core; others on request

Mechanics	Dimensions: W x H x D
Housing	Standard : 282 x 187 x 49 mm; On request : special housing for mounting in walls
Weight	ca. 2,5 kg

Options	Description
Mounting	All-in-one PC: VESA 75 with option pivot arm or foot.
Enlargements	Digital input card 8-bit opto-encoupled, digital output 8-bit card with optocouplers, analog input card 5 channel 10-bit, analog output card 4 channel 10-bit.

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