

HIGHLIGHTS

- LOW POWER, FAN-LESS
- LCD 7,0" 800x480P, WIDE SCREEN
- MULTI TOUCH SCREEN, 10 FINGERS
- RASPBERRY PI 3B
- ARM CORTEX A53 / 4x1,2GHZ
- METAL HOUSING POWDER COATED
- CE-COMPLIANT
- FOR INDUSTRIAL APPLICATIONS



RPI-07

Update: 02/2021

Hardware	Description
Type of device	RPI-07 in a housing of steel sheet (powder coated) with an integrated CPU Raspberry Pi 3B; a 7" wide screen display and a multi-touch screen (800x480 pixel). Dual-purpose: All-in-one-PC with VESA75 attachment on rear side or Front-Panel-PC for insertion in consoles, control cabinet doors or walls.
Mainboard	CPU: ARM Cortex A53 / 4x 1,2GHz Chipset: Broadcom BCM2387 WLAN: 802.11 b/g/n Bluetooth: Bluetooth 4.2 (Classic or LE) Ethernet: 10/100 Base T Ethernet socket GPIO: 8x GPIO
Interfaces external (bottom side)	Serial: 4x USB2.0 Network: 1x LAN 10/100Mbps Ethernet Optional: Real-time clock (RTC), DIO with optocouplers, I ² 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: 7,0"; 300cd/m ² ; 800x480 pixel, contrast 1300:1
Touch screen	Type: Multitouch, max. 10 fingers
Power input	Input voltages: 12- or 24VDC Wattage: max. 15W

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

Mechanics	Dimensions: W x H x D
Housing	200 x 118 x 48 mm
Weight	ca. 0,9 kg

Options	Description
Mounting	All-in-one PC: VESA 75 with option pivot arm or foot. Panel-PC: holding clamp for mounting in consoles, control cabinet doors or wall recessing.
	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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