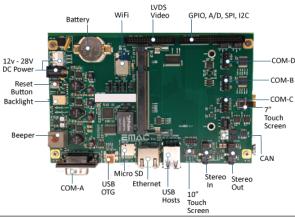


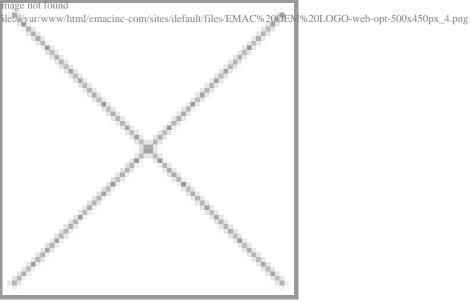
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PPC-10-5D36 ARM Panel PC







Embedded Atmel ARM Cortex A5 ATSAMA5D36

Up to 512MB DDR3L of SDRAM

4GB of eMMC Flash

16MB serial data flash

Inexpensive Open-Frame Design

10/100/1000 BaseT Ethernet with on-board PHY Wireless 802.11 b/g/n; Bluegiga [WF111-E] onboard (WiFi Antenna and Cable Optional) Bluetooth (optional) 3x RS232 & 1x RS232/422/485 Port 2x USB 2.0 (High Speed) Host port 1x USB 2.0 (High Speed) OTG port Battery backed Real Time Clock 1x Micro-SD Flash Card Socket 1x I2S Audio port with Stereo Line-In/Line-Out Timer/Counters and Pulse Width Modulation (PWM) ports 4x Channel 10-bit Analog-to-Digital converter Operating Voltage of 12 to 28 Vdc. Graphic LCD Interface with optional 2D acceleration & hardware CODECs 10" WSVGA (1024 x 600) Resolution with LED Backlight LVDS Touch Screen Interface and Software Controlled Backlight On/Off & Brightness Luminance (800 Nits) JTAG for debug, including real-time trace The PPC-10 offers a low power consumption Human Machine Interface option, with enough processing and graphics power to facilite many smart control options. The PPC-10-5D36 is a good choice for local machine control as well as a remote terminal to control your equipment. Logard montion your entire facility through the network. Adding Bluetooth technology is as simple as connecting a USB dongle. Specifications Paner FC Type. Onan Erama Processor Processor. Atmel ARM Cortex A5 ATSAMA5D36 Clock Speed: 536 MHz Real Time Clock: Memory Primary rrash: 4GB eMMC Secondary Flash: 16MB serial data flash/SDIO SDHC/MMC interface up to 32+ GB Flash Disk Primary I/O 16x programmable 3.3V I/O lines Audio:

Ethernet:
10/100/1000 BaseT Ethernet
USB:
2x USB 2.0 HS Host and 1x USB 2.0 HS OTG Ports
Serial Ports:
3x RS-232 with handshaking
1x RS-232/422/485 with Auto RS485
high-speed SPI with chip selects
I2C
Watchdog:
Secondary I/O
1x CAN 2.0B Port
LPT Port:
Keypad:
PS/2:
Touch:
12-Bit 4-wire Analog Resistive Touch Screen
Analog on A. D.
A/D Channels:
4
A/D Resolution:
12 bit (0 to 3.3V)
D/A:
Dimensions Dimensions.
$5.76 \times 10.25 \times 1.5$ in
Power Requirements Voltage.
12 V
Power Misc.:
Power Supply Voltage: +12 to +28 Vdc.
Typical current draw at 24V: 250 mA
Environmental Low Operating Temperature:
0 C
High Operating Temperature:
50 C
Upper Operating Humidity:
90%
Environmental Misc.:
*Note: Operating temperature limited by LCD
Pricing Product variations:
PPC-10-5D36-1R
10" Open Frame Panel PC w/ Touchscreen, SoM-250GS & SoM-A5D36. 536MHz, 512MB RAM, 4GB eMMC Flash, microSD, 4x COM,

I2S Synchronous Serial Controller with Line In/Out

0	
Parent Product:	
Disk Interface:	
Micro-SD Card Slot	
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2x USB2, GbE LAN, WiFi, LVDS 10" LCD

\$490.00 Order: