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PPC-215T







Intel Celeron J1900 Quad Core CPU

21.5" LCD with Full HD Resolution – 1920 x 1080

4 GB DDR3L RAM; 64 GB SATA SSD FLASH

Projected Capacitive 10-Point Multitouch Touchscreen

Optional Bluetooth & GPS

32Bit and 64Bit support, Linux and Win 7/8/10 support

Pre-installed Linux

Integrated Wi-Fi (Intel 533AN)

Internal Connectors

- ° 1x SO-DIMM Slot, max. 8GB, DDR3L-1333 Single channel memory
- 1x 12V DC power connector (2-pin); 1x 4-pin SATA power connector
- 2x S-ATA 3GB/s ports; 1x 5-pin LCD power connector
- ° 1x VGA pin header; 1x DP-Pin-Header; 1x LVDS connector
- 1x S/PDIF output pin header
- 1x Line-Out / Mic-In audio pin header
- 1x 4-pin (2x2W) audio amplifier connector
- 1x PS/2 keyboard/mouse connector (6-pin)
- ° 1x USB 2.0 header supports additional 4x USB 2.0 ports
- 3x RS232/RS485 COM connectors, switchable between RS232/RS485 in BIOS
- 1x 8-bit Digital I/O interface
- 1x Chassis Fan connector

External Connectors

- 1x Display port
- 1x VGA-out (from internal header)
- 1x USB 3.0
- 3x USB 2.0 ports
- 2x COM port Full-PIN (RS232/485; 5V/12V)
- 2x COM port 3-PIN (RX, TX, GND; RS232/485 switchable)
- 2×10/100/1000Mbit RJ45 Ports
- 2x W-LAN connector (802.11 a/b/g/n wi-fi adapter onboard)
- S/PDIF-Out (1x Cinch, 1x Torx)
- MIC-In, EAR-Out
- 8x In/Out GPIO as RJ45
- 1x 12V DC-In (screwable)
- \circ 1x On/Off-button; 1x Button-Line with On/Off + 4 GPIO-buttons on front panel
- \circ 1x 2.5" module slot, changeable SSD included

Expansion Slots

- ° 2x Mini-PCIe Card slots with PCIe and USB interface (2x Full Height/Half height changeable)
- 1x PCIeX1 Straddle connector

This innovative IP65 Front Capacitive Touchscreen PC with its silent fanless operation, high reliability, and fine craftsmanship, stands out from the competition. The Touchscreen PC features a sleek modern appearance. Flat edge to edge glass with a patented silicone rubberized seal ensures the front panel is water proof and dust proof meeting the requirements of IP65 standards. The back has a sturdy aluminum case manufactured out of a continuous casting mold with stable VESA-100 fixation bolts offering numerous industrial and consumer connectors like four serial ports, eight GPIOs or USB 3.0. The heart of the Touchscreen PC is an industrial mainboard with the powerful but fanlessly cooled Intel Celeron J1900 QuadCore processor with up to 2.42GHz Core speed, equipped out of the box with 4 GB of RAM and a 64GB SSD Drive running Linux. The Intel's HD Graphic chipset, supporting FullHD, DirectX 11.1 and OpenGL 4.0 makes the system ready for eyepopping graphic displays. The capacitive touch panel is completely inhouse developed by renowned engineers. Anti Glare chemically etched surface treatment, 10-finger multitouch and unlimited touches without failure on the touch panel are class leading features. Behind that touch panel are A+ panels, guaranteeing that there is not even a single sub-pixel defect. As an option, customers can chose optical bonding and high brightness panels to further improve the visual impression of the product. These industrial touch PCs ensure the performance and stability required for long term operation in today's demanding manufacturing, industrial, commercial, and retail environments

Specifications Paner Corype. Eraload PBC Processor Processor Intel Celeron J1900 Quad-Core CPU Clock Speed: 2.42 GHz Real Time Clock:

Memory RAWY Type. 1x DDR3L SODIMM Module Primary Flash: 64GB SSD Memory Misc.:

Memory Upgradeable to 8GB DDR3L

Primary I/O 8x In/Out GPIO as RJ45 Video Out: 1x Display port; 1x VGA-out Audio: Realtek 887 8 -channel high definition audio codec Audio Amplifier EUA 2012A Ethernet: 2x 10/100/1000Mbit Realtek PCIe GB LAN 8111G RJ45 USB: 1x USB 3.0 3x USB 2.0 Ports Serial Ports: 4x COM ports Watchdog: Primary I/O Misc.: 4x Serial ports as follows:

° 2x COM port Full-PIN (RS232/485; 5V/12V)

• 2x COM port 3-PIN (RX, TX, GND; RS232/485 switchable)

Secondary I/O Keypad: PS/2: Expansion Bus. 2x Mini-PCIe (2x Full-Size) Bus Misc.: one Mini-PCIe Slot taken by Wifi Card Analog A_{μ} . D/A: Dimensions $20.79 \times 12.76 \times 2.28$ in Weight: 8.56 kg Power Requirements 12 V Sleep Current: 41 mA Typical Current: 2.5 A Environmental Low Operating Temperature: -10 C High Operating Temperature: 60 C Upper Operating Humidity: 90% Pricing Product variations: PPC-215T-0 21.5" Intel Celeron J1900 Quad-Core, 4GB RAM, 64GB SATA SSD Flash, 4x COM, 1x USB3, 3x USB2, 2x GbE, WIFI, HDMI, (-10 to 60*C) \$1,100.00 Order: 0

Parent Product:

Disk Interface: 2x SATA