

AHP-1122



12.1" 500 Nits XGA LED Backlight

12.1" 1000 Nits XGA LED Backlight

Onboard Intel® Atom™ D510 1.66 GHz

System memory 1 GB expandable up to 2 GB of DDR2

Compact Flash socket

Dual 10/100/1000Base-TX

Fanless and ultra-low power consumption

PCIe Mini Socket x 2

RFID / WiFi (Optional)

Slim Design: 64mm

The AHP-1122 operator panel is an Intel® Atom™ D510 1.66 GHz processor computer that is designed to serve as a human machine interface (HMI). It is a PC-based system with 12.1" color TFT LCD display, onboard Ethernet controller, multi-COM port interfaces and an audio controller. With a built-in CompactFlash socket, the AHP-1122 is as compact and user friendly as a multi-function computer. In addition, its "fit anywhere" design makes it very flexible and able to be used in many different kinds of installations. It can be VESA 75 wall mounted. For system integrators, this simple, complete, compact and highly integrated system let you easily build an operator panel into your applications. Common industrial applications include factory automation systems, precision machinery, and production process control. It is also suitable for many non-industrial applications, including vending machine, and car park automation. Our operator panel is a reliable, cost-effective solution to your application's processing requirements.

Specifications

Processor type:

Processor

Processor

Intel® Atom™ D510

Clock Speed:

1.66 GHz

Real Time Clock:

Memory
Primary Flash:

Supports CompactFlash™

Memory Misc.:

Memory: DDR2 SODIMM, Up to 2 GB

Primary I/O
Video Out:

12.1

Ethernet:

Dual 10/100/1000 Base-TX Ethernet interface

USB:

4x USB 2.0

Serial Ports:

1x RS-232/422/485

1x RS-232

Watchdog:

Primary I/O Misc.:

Additional I/O: External VGA port

HDD: One internal 2.5" SATA Interface

Touchscreen

Type: 5-wire analog resistive

Light Transmission: >80%

Controller: Integrated in Processor

Software Driver: Supports WES, CE, Linux

Lifetime: 35 million activations

Secondary I/O
L1 I/O:

Keypad:

PS/2:

Expansion
Bus:

Dual Mini PCIe sockets (Wireless, Bluetooth, RFID capability)

Analog
A/D:

D/A:

Dimensions
Dimensions:

12.5 × 9.5 × 2.5 in

Weight:

4.2 kg

Power Requirements

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

50 C

Environmental Misc.:

Relative Humidity: 10 ~ 90% @ 40 ° C (non-condensing)

Shock (Operating): 20 G peak acceleration (11 ms. duration)

EMC: CE, FCC Class A approved

Pricing

Product variations:

AHP-1122HT

1.6GHZ ATOM D510 PANEL PC W/ TOUCH, 1GB RAM

\$1,103.00

Parent Product:

AHP-1122ST

1.6GHZ ATOM D510 PANEL PC W/ TOUCH, 1GB RAM(1000 NITS)

\$1,371.00

Parent Product:

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