

AFL-08B



8" LED backlight LCD panel with resistive touch screen

Intel® Atom process N270 1.6GHz CPU

System memory up to 2 GB SDRAM

Built-in 300K pixel camera with low light function

Built-in 802.11b/g Wireless Giga LAN

Built-in digital microphone

Built-in two 1.5 W speakers

Mini PCIe Socket

Bluetooth module

The AFL-08B is an Intel® Atom N270 powered all-in-one touch screenpanel PC with a rich variety of functions and peripheral connections. It is designed for easy and simplified integration into conference center, home automation, and building control applications. An Intel® 945GSE graphics memory controller hub (GMCH) coupled with an Intel® ICH7M input/output controller hub ensures optimal memory, graphics, and peripheral I/O support. The system comes with 1.0 GB of preinstalled DDR2 SDRAM and supports a maximum of 2.0 GB ensuring smooth data throughputs with reduced bottlenecks and fast system access. Two serial ports, two USB 2.0 ports, and one external SATA port provide simplified connectivity to a variety of external peripheral devices. Wi-Fi capabilities and two RJ-45 Ethernet connectors ensure uninterrupted connection of the system to an external LAN. The AFL-08B panel PC is an elegant yet sophisticated system that is as easily implemented in commercial, industrial, and corporate environments as the home. Applications Point-of-information / Point-of sale terminals Interactive kiosks Entertainment terminals Banking / Office automation Production process control Factory automation systems

Specifications
Panel PC type.

Enclosed PPC

Processor

Processor.

Fanless Atom N270

Clock Speed:
1.6 GHz
Real Time Clock:

Memory
Memory Misc.:
Memory: One 200 pin SODIMM socket up to 2GB DDR, 1GB built-in.

SSD: Supports one internal Type II CompactFlash™ socket

Primary I/O
GPIO:
2 serial ports: RS-232 x 1
RS-232/422/485 x 1. 1 parallel port
2 USB 2.0 ports. Two RJ-45 GbE LAN ports. One Audio line-out jack.
Video Out:
8
Audio:
AMP 1.5W + 1.5W internal speakers
built in mic
Ethernet:
2 x RJ-45 Ethernet connectors
USB:
2x USB 2.0
Serial Ports:
1x RS-232
1x RS-232/422/485
Watchdog:
Primary I/O Misc.:
Network (LAN): Wireless LAN 802.11 b/g PCIe mini card module

Additional I/O: 1 parallel port, one audio line-out jack

Secondary I/O
Timers/ Counters/ PWM:
Watchdog Timer: 255 level timer interval
setup by software
system reset
LPT Port:
Keypad:
PS/2:

Analog on
A/D:
D/A:

Dimensions
Dimensions:
9.2 × 7.2 × 1.6 in
Weight:
0.8 kg

Power Requirements
Power Misc.:

Output Rating : 36 Watts

Input Voltage: 90-264VAC @50/60 12VDC

Output Voltage: 12VDC

Environmental
Low Operating Temperature:
-10 C

High Operating Temperature:
50 C

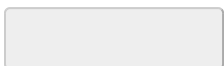
Environmental Misc.:
Relative Humidity: 10 ~ 95% @ 40° C (non-condensing)

EMC: CE, FCC, CCC

Pricing
Product Variations:
PPC-AFL-08B

PPC 8" w/ Atom 1.6GHz, WLAN, 1GB RAM, CAM (SSD/HDD not included)
\$876.00

Parent Product:



Disk Interface:
CompactFlash Type II socket IDE

Source URL: <https://www.emacinc.com/content/afl-08b>