

FPC 5120

12.1" 800x600 touch LCD
Atom 1.6GHz fanless system
IP-65 front plastic bezel



» Features

- » 12.1" 800x600 LCD panel
- » Integrated resistive-type touch screen
- » Atom 1.6GHz N270 processor
- » 945GSE/ICH7M chipset
- » 2 x serial ports & 2 x USB ports
- » Plastic front bezel IP-65 rated
- » Panel/wall/VESA mount ready
- » 10~30VDC power input

» Specifications

Front Bezel:

IP65, NEMA 4 rugged protection, plastic front bezel

LCD panel:

12.1" 800x600 SVGA LCD
Display type: TFT color
Brightness: 370cd/m2
Contrast ratio: 300:1 (typ)
Viewing angle: -60~60° (H), -50~50° (V)
Max colors: 16M
Input Frequency: 800x600@60Hz

Main system:

CPU: Intel Atom N270 1.6GHz processor
BIOS: Award 4Mbit with RPL/PEX LAN boot ROM smartview and customer CMOS backup.
System chipset: 82945GSE + ICH7M
Memory slot: 1 x 200-pin DDR2 SO-DIMM, up to 2GB
Graphic chipset:
Intel 945GSE integrated (max. 224MB shared)
Support dual display, mirroring/multiple mode
Audio: On-board Audio
Ethernet: RTL 81111b Gigabit Lan
Watchdog timer: 255 levels, 1-255 sec
Storage: 1 x Compact-Flash socket, 1 x 2.5" SATA HD
2 x USB ports
2 x serial ports

Touch screen:

Type: 5-wire, analog resistive type

Connectors:

1 x RS-232 (COM 2)
1 X RS-232/422/485 (COM 1)
1 x RJ-45 for Ethernet
1 x VGA D-sub 15-pins
2 x USB 2.0 ports
1 x Audio
1 x 3-pins power connector

Expansion slot:

1 x Mini card

Cooling system: fanless
cooling system Aluminum
cooling heat sink

Power supply:

10-30VDC 72W power input over-current protection
Optional for 110/220VAC external power adapter

Mounting:

75/100mm VESA mounting holes

Dimensions (W x D x H):

12.9" (327.5mm) x 2.03" (51.5mm) x 10.3" (262mm)

Color:

Black

Weight:

5LBS

Mounting:

panel/wall/VESA (optional DESK-VESA mounting kits)

Environmental:

Operating temperature: 0°~45°C (32°~ 113°F)
Relative humidity: 10% ~ 90% @ 40°C, non-condensing
Operation vibration: 2G 5~500Hz, random for CompactFlash

Certifications:

CE, FCC, RoHS

» Ordering Guide

FPC 5120:

12" 800x600 touch panel PC, Atom N270 1.6GHz, 1GB
DDR2 memory, on-board Video/Audio/LAN & 12VDC.

» Opional Item

External Power Adapter:

110/220VAC 24VDC output power adapter

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