



Features

- 8" WSVGA TFT Touch Panel PC
- 5-wire Resistive Touch Screen
- Onboard Intel® Atom™ D525 1.8GHz BGA Processor
- VGA, Audio, Gigabit Ethernet
- 1 x CF, 2 x COM, 4 x USB
- Fanless, VESA Compliance
- IP-65 Compliant Front Panel
- Wide Range Voltage Input +12V ~ +26V



Specifications

Panel

LCD Size	8"
Display Type	WSVGA
Resolution	1024 x 600
Pixel pitch	0.1725 mm (W) x 0.1656 mm (H)
Luminance	500 cd/m²
Contrast ratio	700
Viewing angle	70 (U), 75 (D), 75 (L), 75 (R)
Response time	20 ms
Backlight	LED
Touch Type	5 Wires resistive
Touch Light Transmission	80%

System

SBC	ECM-PNV
Processor	Intel® Atom™ D525 2-Core 1.8GHz processor
System Chipset	Intel® ICH8-M Chipset
I/O Chipset	Nuvoton W83627DHG-P
System Memory	1 x 204-Pin DDR3 1066MHz SO-DIMM up to 4 GB 204-Pin DDR3 1333MHz SO-DIMM
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min./step

Expansion & Storage

Expansion	1 x Mini PCIe Supports mSATA
Storage	1 x CompactFlash Type I/II Socket

I/O

USB	4 x USB 2.0
COM Port	1 x RS-232/422/485 1 x RS-232

Audio

Chipset	Realtek ALC888, Support 5.1-CH
Audio Interface	Mic-In and Line-Out

Ethernet

Chipset	2 x Intel® 82574L
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45

Power Requirement

Power Requirement	+12V ~ +26V
Power Type	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter

Mechanical & Environmental

System Fan	Fanless
Construction - Front	Metal
Construction - Rear	Aluminum + Metal
Dimension	225 x 129 x 43.4 mm
Weight	1.27 Kgs
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms

Certifications & Software Support

Certification	CE
Information	FCC Class B
OS Information	Win XP, Win 2000, Linux, Win CE

Ordering Information

FPC-08W25-P0200-1R
 8" WSVGA ECM-PNV, D525/1G DDR3
 ACC-WIFI-USB-15R
 USB WIFI 802.11b/g/n
 ACC-FPC-WALLMT-02R
 Wall Mount Bracket Kit for FPC-08W
 ACC-ARM-D22R
 VESA STAND, 75x75 & 100x100 mm