



Features

- Onboard Intel® Atom™ D2550 1.86 GHz BGA Processor
- Optional 1.3M Camera, WiFi Module, Mini PCIe, Light Sensor & Remote Controller
- Intel® 82574L Gigabit Ethernet, 5.1-CH Audio
- 1 HDMI, 1 CF, 1 COM, 2 USB, 2.5" HDD Support
- Fanless System & VESA Compliance
- AC 110 ~ 220V Operation, ErP Power
- Timer-Power-On



Specifications

Panel

LCD Size	42", 16:9
Display Type	Full HD
Resolution	1920 x 1080
Pixel pitch	0.4845mm (H) x 0.4845mm (V)
Luminance	500cd/m ²
Contrast ratio	4000
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	8ms
Backlight	LED
Touch Type	SAW
Touch Light Transmission	90%

System

SBC	EBM-CDV
Processor	Intel® Atom™ D2550 2-Core 1.86 GHz processor
System Chipset	Intel® NM10 Express Chipset
I/O Chipset	EC ITE IT8518E
System Memory	204-Pin DDR3 1066MHz SO-DIMM up to 4 GB
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 1 x 2.5" Drive Bay

I/O

USB	2 x USB 2.0
COM Port	1 x RS-232/422/485

Audio

Chipset	Realtek ALC892, Support 5.1-CH
Audio Interface	Line-Out

Ethernet

Chipset	1 x Intel® 82574L
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	1 x RJ-45

Power Requirement

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

Mechanical & Environmental

System Fan	Fanless
Construction - Front	Black
Construction - Rear	Black
Dimension	1045.4*663.4*86.4 mm
Weight	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 7, Linux

Ordering Information

MPC-42W7-A1T

Intel® Atom™ D2250 1.86Ghz / 2G DDR3 / LAN / COM / 2 x USB / 12~26V Input / 12V adaptor