

Fanless Embedded System Atom D2550 Dual Core 1.86GHz CPU Dual Display Port (VGA + HDMI)



» Features

- » Steel and aluminum rugged micro box
- » Fanless design embedded computer
- » Atom D2550 Dual-Core 1.86GHz Processor
- » Extended working temperature from -20°C to 60°C
- » Dual display port (VGA + HDMI)
- » Dual LAN and 4 COM port
- » 1 x mini PCI-E expansion slots
- » 12 or 24 VDC power input with RTC alarm power on

» Specifications

Material:

Rugged aluminum enclosure

Embedded Board:

CPU Type: Atom D2550 Dual Core 1.86GHz processor
Chipset: NM10 south bridge chipset
Memory: DDR-III SODIMM x 2, Max. 4 GB
Watchdog time: programmable WDT from 1 to 255 seconds

Graphic:

Graphic Core 640Mhz
Support AVC/H.264, VC1/ WMV9, MPEG2 HW engine and blue-ray
Support HDCP 1.3 and PAVP 1.1C content protection
Support DXVA 2.0, Overlay DO, MS COPP and PVP-OPM
Support OpenGL 3.0 and DirectX 9
Enabling key ISVs-Core, Cyberlink and ArcSoft

Video Input:

Dual Video input: VGA & HDMI for independent video outputs
support 1920x 1200 and 1080P display resolution

Expansion Slot:

1 x mini PCI-Express for wireless 802.11 b/g/n LAN card

Drive bay:

1 x 2.5 inch drive bay for SATA hard drive or SSD

Front Panel Control:

LED indicator for power and hard drive
Power on/off and system reset buttons

I/O Port (Standard):

3 x COM port, 2 for RS-232/422/485, 1 for RS-232
4 x USB2.0
2 x RJ-45 Ethernet ports, 100/1000Base-TX
2 x Audio port: Line-out, Mic-in
2 x PS/2 port for Keyboard and mouse

I/O Ports (Option)

3 RS 232 COM port or 2 RS 232 COM port with 1 digital I/O
1 x DB-25 for LPT port

Power Supply:

DC 12V or 24V input with RTC alarm power on function
12 VDC/2.5A, 24VDC/1.25A, AT / ATX power type
Power adapter: AC to DC, DC 12V or 24V 60W (Option)
Power consumption (with HD): typical 17W, Max 22W

System Support:

Window XP, Windows 7, Linux

Mounting:

Integrated mounting bracket for Desk or Wall mount

Weight:

9.68lbs

Dimension:

7.87"(W) x 5.34"(H) x 7.30"(D)

Certification:

CE / FCC Class A

Environmental:

Temperature
Operation:
-20 °C ~ 60°C (SSD)
-20°C ~ 60°C (HDD)
Storage: -40°C to 85 °C
Humidity: 10~90%, non-condensing

» Ordering Guide

FES 2215:

Fanless embedded system, Atom D2550 Dual Core 1.86GHz CPU, up to 4GB DDR-III memory, 1 x mini PCI-E expansion slots. Desk or Wall mount ready.