

MEC-4032

Industrial Fanless Embedded PC with Atom™ D2550



Features

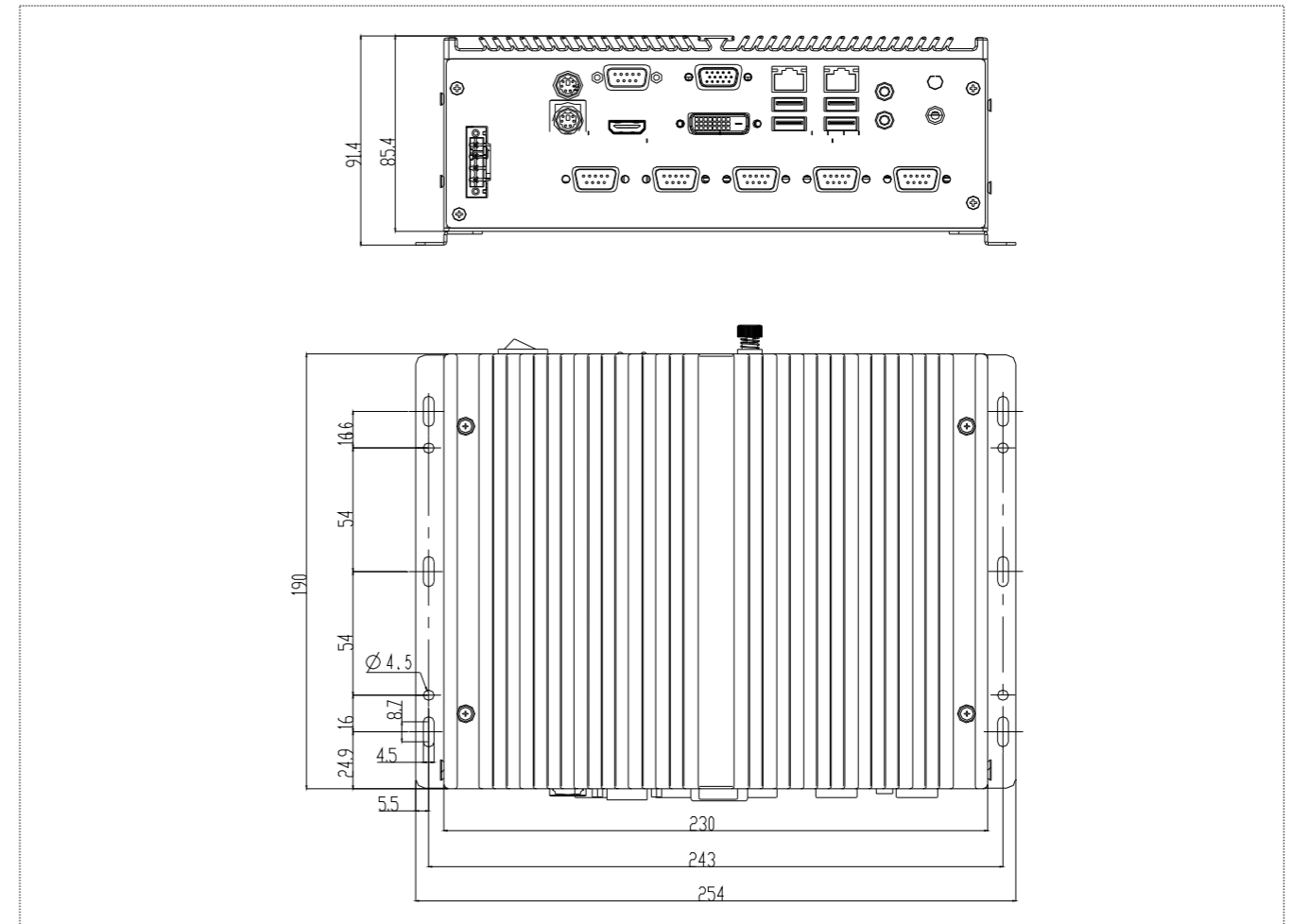
- Onboard Intel® Atom™ D2550 processor;
- 2G memory as standard configuration, supporting expansion to 4G;
- 6 x COM port, supporting 5 x RS-232/RS-485 optional;
- 1 x 2.5" drawble HDD bay; 1 x CFast card;
- Onboard 2 x 10/100/1000Mbps LAN port;
- Supports VGA/DVI/HDMI, dual-channel digital 1080P display output;
- Supports DC9~32V power supply, or powered by 120W AC220V external power adapter;
- Supports 1 x MiniPCIe slot.

Specifications

System	
Processor	Onboard Intel® ATOM™ D2550 processor
Chipset	Intel® ATOM™ D2550 + NM10
Memory	Provides 1 x 204PIN DDR3 memory slot, 2G memory as standard configuration, supporting up to 4G
Expansion Interface	1 x MiniPCIe slot
Storage	
IDE	N/A
Serial ATA	2x Serial ATA
Floppy	N/A
CF	1 x CFast card slot
DOC/DOM	N/A
I/O ports	
USB	6 x USB2.0 port(2x front-accessible USB2.0 port)
Serial Port	6 x RS-232 COM port, five of them support RS-232/485 optional
Parallel Port	N/A
IrDA	N/A
Audio	1 group of audio ports, supporting MIC-IN/LINE-OUT
Display	
Resolution	VGA Maximum resolution and refresh rate supported is 1920×1200@60Hz DVI Maximum resolution and refresh rate supported is 1920×1200@60Hz HDMI Maximum resolution and refresh rate supported is 1920×1200@60Hz

Ethernet	
Chipset	2 x Realtek, RTL8011F
Speed	2 x 10/100/1000Mbps
Connector	2 x RJ45 LAN port, LAN1 supports Wake-On-LAN
Mechanical and Environment	
Dimensions	230mm (W) x 85.4mm (H) x 190mm (D)
Reliability	MTBF ≥ 10000H; MTTR ≤ 30min
Operating Temperature	-10°C~60°C; (CFast card, SSD) 0°C~40°C (mechanical hard drive)
Storage Temperature	-30°C~70°C
Operating Humidity	5%~90% 40°C (non-condensing)
Power	
Power Supply	Supports DC9V~32V DC wide voltage power input
Operating System	
Windows OS	Win XP, Win XPE
Embedded OS	Linux
Test	
Vibration	Amplitude 5-17Hz/1.0mm; Acceleration: 17-200Hz/1.0g
Shock	10g peak acceleration(11ms duration)
EMC/EMI	GB4943-2001 Class A

Dimensions



Ordering Information

Part Number	Model Number	Description
0010-042011	MEC-4032-01	Low power fanless embedded PC/ATOM D2550 1.86G/2G memory/6 x COM port (5 support RS232/RS485 switchable)/1 x KS/1 x MS/1 x VGA/1 x DVI/1 x HDMI/2 x LAN port/1 group of Audio ports/6 x USB/500G drawble HDD module/supports Cfast expansion/DC12V~24V input
0010-043021	MEC-4032-02	Low power fanless embedded PC/ATOM D2550 1.86G/2G memory/6 x COM port (5 support RS232/RS485 switchable)/1 x KS/1 x MS/1 x VGA/1 x DVI/1 x HDMI/2 x LAN port/one group of Audio ports/6 x USB/4G CFast/supports 2.5" HDD drawble module expansion/DC12V~24V input

1
Embedded Boards & Industrial Computers

2
Embedded Systems

3
Communications & Network Application Platform

4
Rugged Computers

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