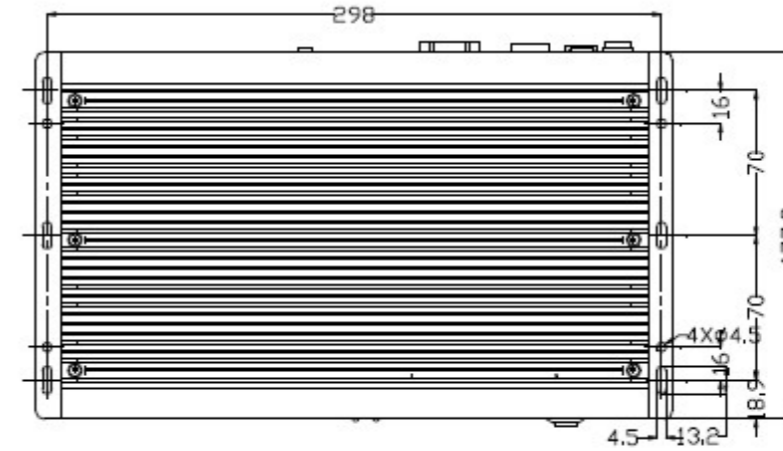
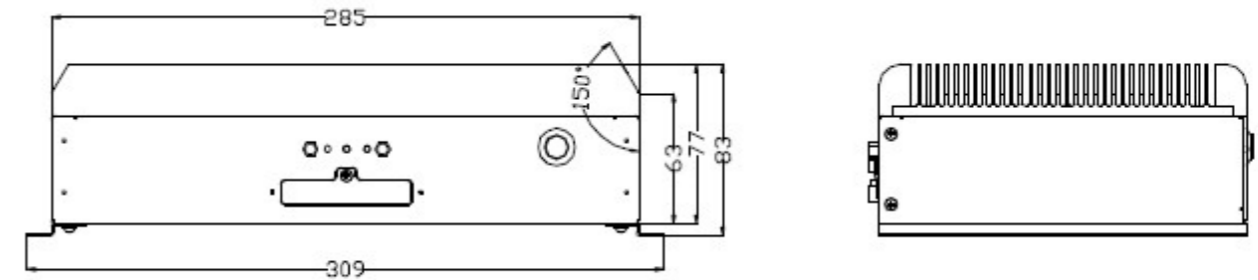


MEC-7004

Industrial Fanless Embedded PC With Atom™ D525



Dimensions



Unit:mm

Optional Accessories

- 1 x Power adapter/RoHS (P/N:2100-084541)
- 1 x Driver DVD/CD/protective film/English/RoHS (P/N:2192-014411)
- 1 x Manual/Chinese and English/RoHS (P/N:2413-019951)

Ordering Information

Part Number	Model Number	Description
0010-039151	MEC-7004-0201	Intel ATOM D525 1.8GHz /2.0G DDR3 /500G DVR-HDD/1 x VGA /1 x DVI/2 x GbE /2 x Serial Port/DC+12V input/120W power supply adapter
0010-039161	MEC-7004-0202	Intel ATOM D525 1.8GHz /2.0G DDR3/320G HDD/1 x VGA /1 x DVI/2 x GbE/2 x Serial Port /1 x Audio/DC+12V input/120W power supply adapter

Features

- Supports Intel® Atom™ D525
- One 204-Pin DDR3 SO-DIMM memory slot, up to 2GB
- 1 x PCI slot (reserved), complying with PCI 2.3 standard
- 2 x RS-232 (COM2 supports RS-232/422), 4 x USB 2.0
- 2 x 10/100/1000Mbps RJ45 port, 1 x CF, 1 x 8-channel GPIO

Specifications

System	
Processor	Onboard Intel® Atom™ D525 CPU
Chipset	Intel® Atom™ D525 processor + Intel® ICH8M
Memory	Supports 1 x 204-pin SO-DIMM DDR3 memory slot, supporting Un-buffered Non-ECC memory up to 2GB
Expansion Interface	1 x PCI, complying with PCI 2.3 standard (reserved)
Storage	
IDE	1 x IDE
Serial ATA	2 x Serial ATA 300MB/S interface
Floppy	N/A
CF	1 x CompactFlash Socket Type I/II(front panel)
DOC/DOM	N/A
I/O Interface	
USB	4 x USB2.0
Serial Port	2 x RS-232 (COM2 supports RS-232/485)
Parallel Port	N/A
IrDA	N/A
GPIO	4 x digital input,4 x digital output
Audio	HD Audio(Including Mic-in, Line-in, Line-out)

Display	
Chipset	Intel® Atom™ D525 Integrated Graphics
Memory	N/A
Resolution	VGA mode: up to 2048 x 1536@60Hz DVI mode: up to 1280 x 800
Dual Display	VGA + DVI
Ethernet	
Chipset	1 x RTL8111D; 1 x Intel®82574L
Speed	2 x 10/100/1000Mbps
Connector	2 x RJ45

Mechanical and Environmental	
Dimensions	309mm (L) x 177.8mm (W) x 83mm (H)
Reliability	MTBF≥50000h; MTTR≤0.5h
Operating Temperature	0°C~50°C
Storage Temperature	-20°C~80°C
Operating Humidity	5% ~ 90% (non-condensing);
Power	
Power Supply	Support +12V DC input or adapter with 120W AC input
Power consumption	Power Consumption: 22.1 W (Standby) , Power Consumption: 27 W (100% Operate 3D)
Operating System	
Windows OS	Windows2000/Windows XP/Windows 7
Embedded OS	Linux
Test	
Vibration	519Hz/1.0mm amplitude , 19200Hz/1.0g acceleration
Shock	15g acceleration, 11ms duration
EMC/EMI	GB9254-2008 Class A

1
Embedded Boards & Industrial Computers

2
Embedded Systems

3
Communications & Network Application Platform

4
Rugged Computers

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Rugged Computers