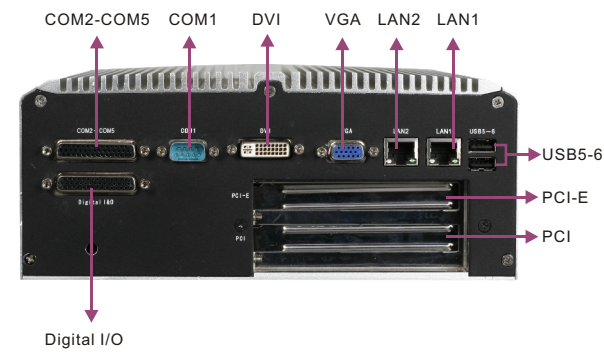
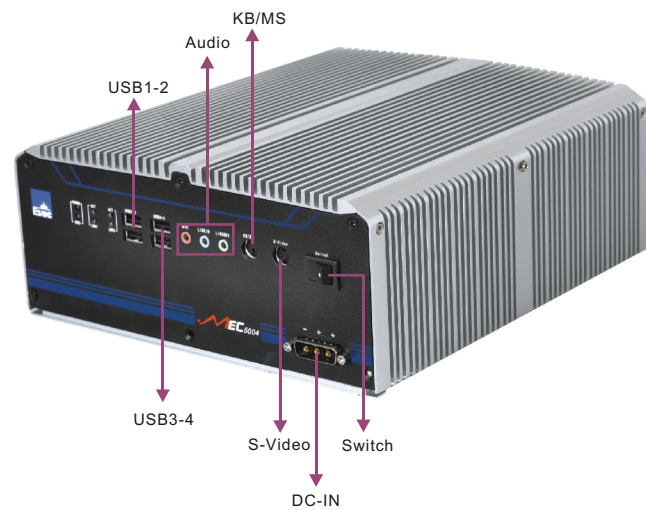


MEC-5004

Industrial Fanless Dual-core Embedded PC



Specifications

System

Processor	Onboard Intel® Core™ 2 Duo U7500/L7500 processor
Chipset	Intel® GM965 + ICH8M-E
Memory	1 x 200-pin SODIMM, DDR2 400/533/667MHz up to 2GB
Expansion Interface	1 x PCI, 1 x PCI-E x8

Storage

IDE	N/A
Serial ATA	2 x SATA
Floppy	N/A
CF	Supports CompactFlash card type I/II
DOC/DOM	N/A

I/O Interface

USB	6 x USB2.0
Serial Port	6 x RS-232 (COM1 supports RS-232/422/485)
Parallel Port	N/A
IrDA	N/A
GPIO	8-channel input and 8-channel output
Audio	Line-in, Speaker-out and Mic-in

Display

Chipset	Intel® GM965 integrated, supporting VGA, DVI, S-Video
Memory	256MB shared memory
Resolution	Up to 1600 x 1200@75Hz
VGA	YES
DVI	YES
Dual Display	VGA+DVI

Features

- Onboard Intel® Core™ 2 Duo U7500/L7500 processor
- Onboard 512MB-2GB memory
- 1 x PCI, 1 x PCI-E x8
- 6 x RS-232 (COM1 supports RS-232/422/485)
- 6 x USB 2.0
- 2 x 10/100/1000Mbps RJ45 port

Ethernet

Chipset	Intel® 82566MC + Realtek RTL8111C
Speed	2 x 10/100/1000Mbps
Connector	2 x RJ45

Mechanical and Environmental

Dimensions	242mm(W) x 265mm(D) x 100mm(H)
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h
Operating Temperature	-10 C~55 C
Storage Temperature	-40 C~60 C
Operating Humidity	RH=93%, 40 C non-condensing

Power

Power Supply	Supports DC 9V-30V/DC 12V direct input or external 150W AC power adaptor with input AC 100-240V 50/60Hz
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Power Consumption

Power Consumption	N/A
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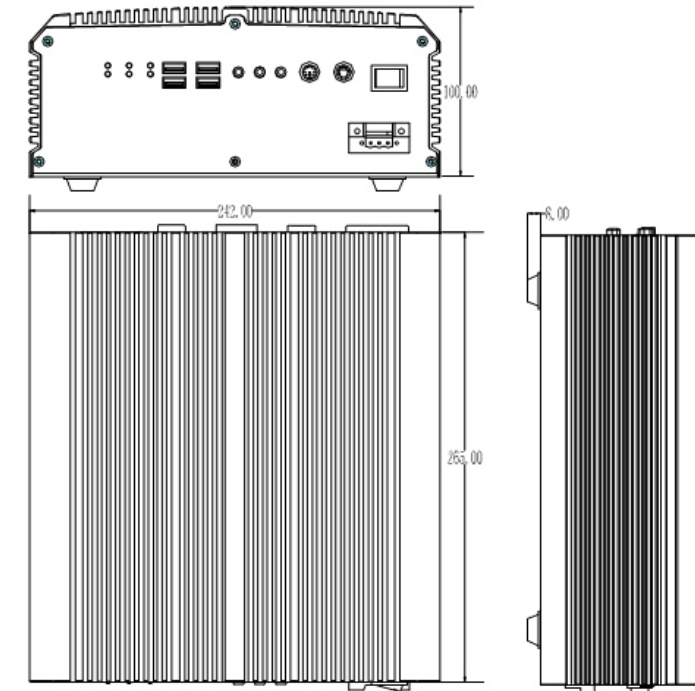
Operating System

Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/Window CE

Test

Vibration	5 to 17Hz, 0.1" double amplitude displacement; 7 to 640Hz, 1.5g acceleration
Shock	15g peak acceleration(11ms duration)
EMC/EMI	Standard GB9254-1998 Class B
Certification	CE, RoHS

Dimensions



Available Accessories

Part Number	Name	Description	Qty.
2360-003671	AC power cable/RoHS	Length: 1500mm/USA standard/821	1
2360-015031	COM cable/RoHS	DB44 male connector to four DB9 male connectors UL2464/28AWG/length: 550mm/A0	4
2360-005031	Y-cable for keyboard and mouse/RoHS	One Mini-DIN port to two PS/2 ports, length: 250mm/RoHS	1
2372-001141	Rubber pad/RoHS	20x20/3M adhesive-backed	1
—	User's Manual/RoHS	MEC-5004 Long March series	1
—	Driver CD/Protective film/RoHS	MEC-5004 Long March series	1
2100-057491	Power supply/RoHS	120W/PAC120F output +12V/10A round head 4 Pin	1
2391-008421	Copper hex bolt/ RoHS	M3x15mm/through hole	4

Ordering Information

Part Number	Model Number	Description
0010-014240	MEC-5004-01	Complete PC: Core™ 2 Duo U7500/512M/80G/COM1812LDNA-U7500/EDB-COM04/MEC-5004
0010-014250	MEC-5004-02	Complete PC: Core™ 2 Duo L7500/512M/80G/COM-1814LDNA/EDB-COM04/MEC-5004
0020-034330	MEC-5004	Empty chassis: MEC-5004