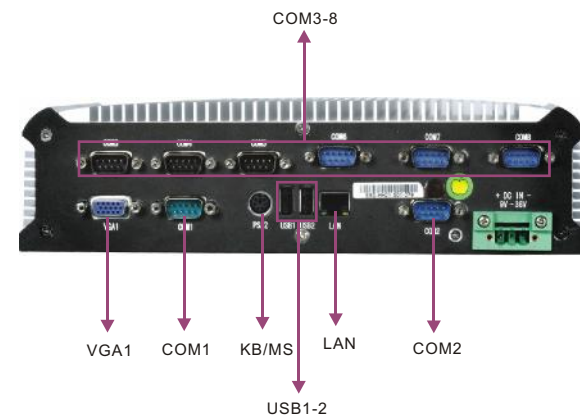


MEC-3003

Industrial Low-power Fanless Embedded PC



VGA2



VGA1

COM1

KB/MS

LAN

COM2

USB1-2

COM3-8



Features

- Industrial-style appearance, airproof and fanless
- Compatible with Intel® low-power Celeron® M / Pentium® M processor
- 8 x COM RS-232 (COM2~COM8 support RS-232/422/485)
- Supports 9~36V DC input and 220V AC via adapter

Specifications

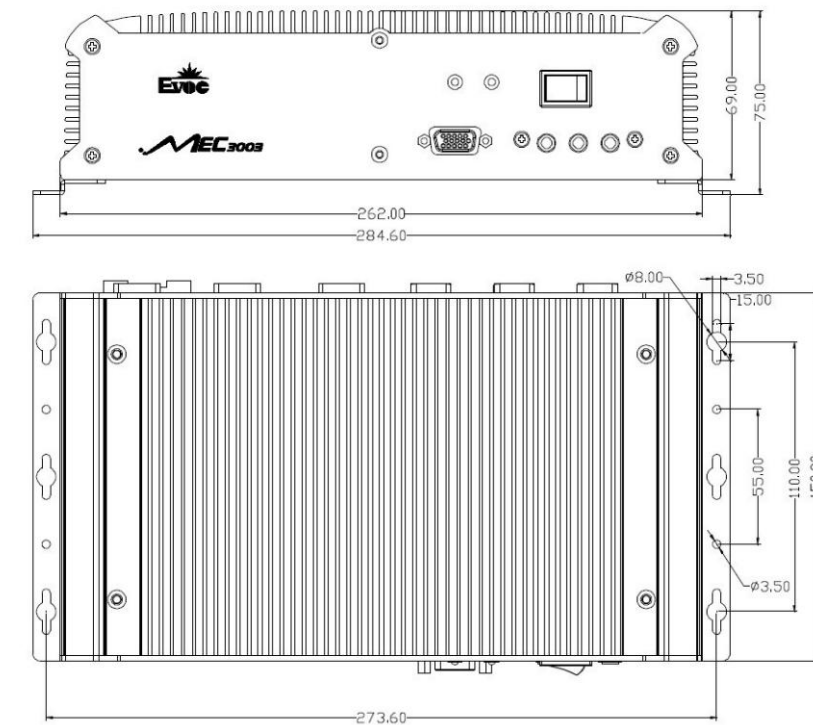
System	
Processor	Onboard Intel® Celeron® M / Pentium® M Processor
Chipset	Intel® 852GM + ICH4
Memory	1 x 200-pin SODIMM, DDR 266/333/400MHz up to 1GB
Expansion Interface	N/A
Storage	
IDE	1 x 44-pin IDE
Serial ATA	N/A
Floppy	N/A
CF	Supports CompactFlash card type I/II
DOC/DOM	N/A
I/O Interface	
USB	2 x USB2.0 port
Serial Port	8 x COM (COM2~COM7 support RS-232/422/485)
Parallel Port	N/A
IrDA	N/A
GPIO	N/A
Audio	Line-in, Speaker-out, Mic-in
Display	
Chipset	Intel® 852GM integrated graphics acceleration controller
Memory	Supports shared video memory up to 64MB
Resolution	VGA mode up to 2048 x 1536@75Hz or 1600 x 1200@85Hz
VGA	2 x VGA
DVI	N/A
Dual Display	N/A

Ethernet	
Chipset	Intel® EP82562ET
Speed	10/100Mbps
Connector	1 x RJ45
Mechanical and Environmental	
Dimensions	262mm(W) x 150mm(D) x 69mm(H)
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h
Operating Temperature	-15 C~60 C
Storage Temperature	-40 C~60 C
Operating Humidity	RH=93%, +40 C
Power	
Power Supply	9V~36V DC wide-voltage input, or 60W AC input via external adapter (optional); input: AC100~240V 50/60Hz, output: DC9V~36V
Power Consumption	N/A
Operating System	
Windows OS	Windows 98SE/ 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



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Dimensions



Available Accessories

Part Number	Name	Description	Qty.
22360-019991	HDD flat cable/RoHS	2x22 Pin connector to 2x22 Pin connector, length: 200mm; UL2651 28AWG	1
2360-017861	HDD flat cable/RoHS	SATA-7P/90° to SATA-7P/L=150/26AWGUL2725	1
2360-015381	AC power cable/RoHS	AC power male connector to 2 Pin female connector, length: 1500mm	1
—	User's Manual/RoHS	MEC-3003	1
—	Driver CD/Protective film/RoHS	MEC-3003	1
—	Setup Guide/RoHS	AMI BIOS Setup Guide (for Core/8)	1
1040-001431	Power supply	90W/FSP090-1ADC21/DC2.1 with cable	1
2330-000601	Wiring connector/ANYTEK/RoHS	3P pitch 5.08(female) HW03505000AG	1

Ordering Information

Part Number	Model Number	Description
0010-001880	MEC-3003-01/CM600M-256M-160G	Complete PC: ULVCeleron® M600M/256M/160G/90W FSP090-1ADC21/EC3-1711CLD/MEC-3003-01
0010-001890	MEC-3003-02/PM1.4-512M-160G	Complete PC: Pentium® M1.4G/512M/80G/90W FSP090-1ADC21/EC3-1711CLD/MEC-3003-01
0010-001891	MEC-3003-02/PM1.4-512M-80G	Complete PC/RoHS: Pentium® M1.4G/512M/80G/90W FSP090-1ADC21/EC3-1711CLD/MEC-3003-01
0010-013050	MEC-3003-01/CM600M-256M-1G/CF card	Complete PC: ULVCeleron® M600M/256M/1G CF card/90W FSP090-1ADC21/EC3-1711CLD/MEC-3003-01
0010-013051	MEC-3003-01/CM600M-256M-1G/CF card	Complete PC/RoHS: ULV Celeron® M 600M/256M/1G CF card/90W FSP090-1ADC21/EC3-1711CLD/MEC-3003-01
0010-013060	MEC-3003-02/PM1.4-512M-1G/CF card	Complete PC: Pentium® M1.4G/512M/1G CF card/90W FSP090-1ADC21/EC3-1711CLD/MEC-3003-01
0010-013061	MEC-3003-02/PM1.4-512M-1G/CF card	Complete PC/RoHS: Pentium® M1.4G/512M/1G CF card/90W FSP090-1ADC21/EC3-1711CLD/MEC-3003-01
0020-001091	MEC-3003-01/no power supply/no backplane	Empty chassis/RoHS
0020-001101	MEC-3003-02/no power supply/no backplane	Empty chassis/RoHS