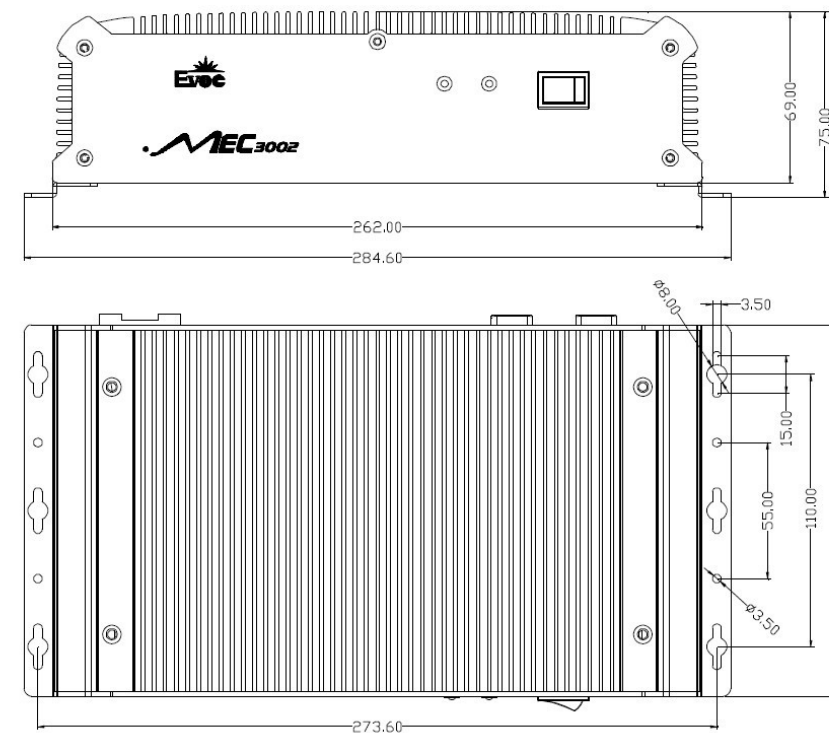


MEC-3002

Industrial Low-power Fanless Embedded PC



Dimensions



Features

- Industrial-style appearance, airproof and fanless
- Compatible with Intel low-power Celeron M/Pentium M Processor
- With small dimensions, the computer is suitable for environments with constraint space
- 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	2 x COM (COM1 supports RS-232/422/485)
Parallel Port	1 x LPT
IrDA	N/A
GPIO	N/A
Audio	Line-in, Speaker-out and Mic-in
Display	
Chipset	Intel® 852GM integrated graphics acceleration controller
Memory	Shared video memory, up to 64MB
Resolution	VGA mode up to 2048 x 1536@75Hz or 1600 x 1200@85Hz
VGA	YES
DVI	N/A
Dual Display	N/A

Ethernet	
Chipset	Intel® EP82562ET
Speed	10/100Mbps
Connector	1 x RJ45
Mechanical and Environmental	
Dimensions	264mm(W) x 150mm(D) x 69mm(H)
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h
Operating Temperature	-10 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

Available Accessories

Part Number	Name	Description	Qty.
2360-019991	HDD flat cable/RoHS	2 x 22 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
—	Setup Guide/RoHS	AMI BIOS Setup Guide (for Core/8)	1
—	Driver CD/Protective film/RoHS	MEC-3002	1
—	User's Manual/RoHS	MEC-3002	1
2100-023691	Power supply/RoHS	FSP090-1/ADC21	1
2330-000601	Wiring connector/ANYTEK/RoHS	3 Pin 5.08mm pitch female,HW035050000AG	1

Ordering Information

Part Number	Model Number	Description
0010-001850	MEC-3002-01/CM600M-256M-160G	Complete PC: ULV Celeron® M 600M/256M/160G/90W power supply/EC3-1711CLDNA/MEC-3002-01
0010-001851	MEC-3002-01/CM600M-256M-160G	Complete PC/RoHS: ULV Celeron® M 600M/256M/160G/90W power supply/EC3-1711CLDNA/MEC-3002-01
0010-001860	MEC-3002-02/PM1.4-512M-160G	Complete PC: Pentium® M1.4G/512M/160G/90W power supply/EC3-1711CLDNA/MEC-3002-01
0010-001861	MEC-3002-02/PM1.4-512M-160G	Complete PC/RoHS: Pentium® M1.4G/512M/160G/90W power supply/EC3-1711CLDNA/MEC-3002-01
0010-013030	MEC-3002-01/CM600M-256M-1G/CF card	Complete PC: ULV Celeron® M 600M/256M/1G CF card/90W power supply/EC3-1711CLDNA/MEC-3002-01
0010-013031	MEC-3002-01/CM600M-256M-1G/CF card	Complete PC/RoHS: ULV Celeron® M 600M/256M/1G CF card/90W power supply/EC3-1711CLDNA/MEC-3002-01
0010-013040	MEC-3002-02/PM1.4-512M-1G/CF card	Complete PC: Pentium® M1.4G/512M/1G CF card/90W power supply/EC3-1711CLDNA/MEC-3002-01
0010-013041	MEC-3002-02/PM1.4-512M-1G/CF card	Complete PC/RoHS: Pentium® M1.4G/512M/1G CF card/90W power supply/EC3-1711CLDNA/MEC-3002-01
0020-001071	MEC-3002-01/no power supply/no backplane	Empty chassis/RoHS
0020-001081	MEC-3002-02/no power supply/no backplane	Empty chassis/RoHS

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Full-Size/Half-Size Slot CPU Cards

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SBC/Motherboard Modules

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Embedded Box PC

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Network Application Computers

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Industrial PC

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HMI

7

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

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