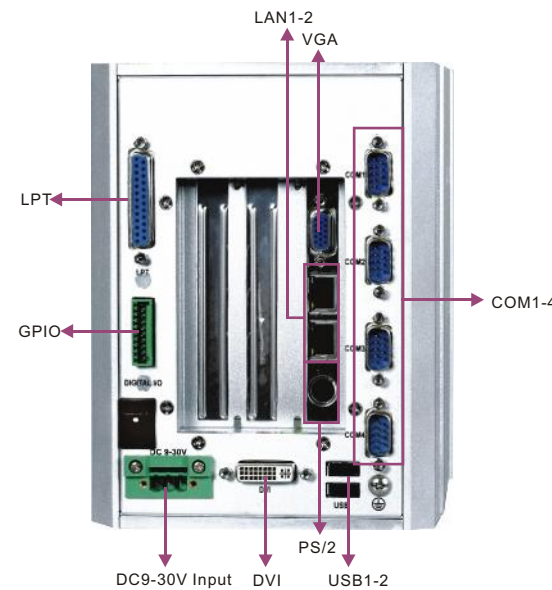
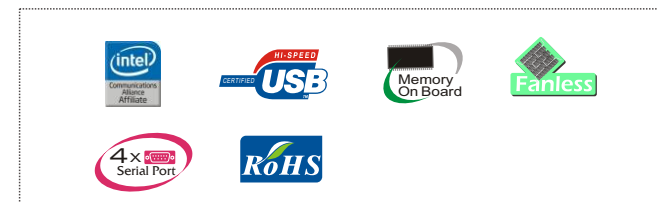
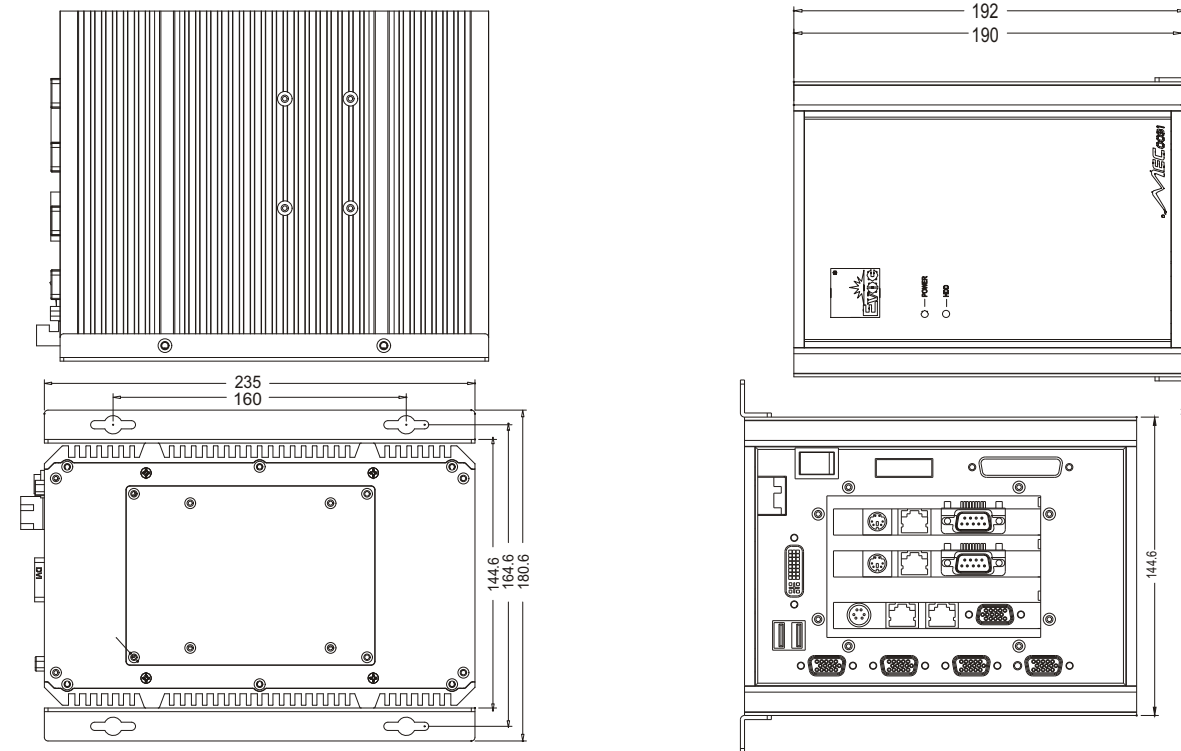


MEC-0031

Ultra-low-power Fanless Industrial Embedded PC



Dimensions



Features

- Onboard low-power Intel® Celeron® M 600M/Pentium® M 1.4G CPU
- Onboard 256MB DDR, and 1 x 200-pin SO-DIMM, up to 1GB DDR
- Supports 2 x 10/100 Mbps Ethernet interface
- Supports 2 x USB2.0, 4 x COM, 1 x LPT, 1 x VGA, 1 x DVI, 1 x PS/2 port(KB/MS), 1 x CF(optional)
- Fanless design and compact architecture

Specifications

System	
Processor	Onboard low-power Intel® Celeron® M 600M/Pentium® M 1.4G CPU
Chipset	Intel® 852GM + ICH4
Memory	Onboard 256MB and 1 x 200-pin SO-DIMM, supporting up to 1.0GB DDR memory
Expansion Interface	2 x PCI slots
Storage	
IDE	1 x ultra ATA 66/100 interface
Serial ATA	N/A
Floppy	1 x FDD(reserved)
CF	1 x CompactFlash socket type I/II
DOC/DOM	N/A
I/O Interface	
USB	2 x USB2.0 port
Serial Port	3 x RS-232, 1 x RS232/422/485(COM2)
Parallel Port	1 x LPT
IrDA	1 x IrDA (reserved)
GPIO	4 x GPI, 4 x GPO
Audio	N/A
Display	
Chipset	Intel® 852GM integrated graphics acceleration controller 350MHz
Memory	64MB shared memory
Resolution	VGA mode up to 1920 x 1400@60Hz, 1600 x 1200@85Hz
Dual Display	Supports VGA+DVI dual display

Ethernet	
Chipset	Realtek RTL8139DL
Speed	10/100Mbps
Connector	2 x RJ45
Mechanical and Environmental	
Dimensions	235mm(W) x 192mm(H) x 180mm(D)
Reliability	MTBF ≥ 30000h; MTTR ≤ 0.5h
Operating Temperature	-5 C~+55 C
Storage Temperature	-40 C~60 C
Operating Humidity	5%-90%, 40°C non-condensing
Power	
Power Supply	DC9V~30V power supply or external 90W AC adapter input AC
Power Consumption	100~240V, 50~60Hz power supply
Operating System	
Windows OS	Windows 98SE/ Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/Window CE
Test	
Vibration	5-19Hz/1.2mm; 19-200Hz/1.2g
Shock	15g acceleration, 11ms pulse
EMC/EMI	Standard GB9254-1998 Class A



Parhelia B.V.
info@parhelia-bv.eu
www.parhelia-bv.com
 ☎ +31(0)10 284 95 46

Available Accessories

Part Number	Name	Description	Qty.
2360-015381	AC power cable/RoHS	AC power connector (male) to 2-pin plug (female), length: 1500mm	1
	User's Manual/Chinese/RoHS	MEC-0031/Long March series	1
2360-020791	HDD cable/RoHS	IDC 2x20-pin to IDC 2x20-pin, length: 100mm, UL2651 28AWG	1
2360-017861	HDD cable/RoHS	SATA7-pin/90° to SATA7-pin/length: 150mm/26AWG/UL2725	1
2391-001451	Bolt/RoHS	Countersunk head M4x8/head Φ6.8/GB-T819-1985	4
2391-001311	Bolt/RoHS	Pan head M4x10/GB-T818-1985	4
1481-018071	Bracket for complete PC/0031/RoHS	Blank/245x43x2/silver coating	2
2330-000041	Jumper/RoHS	2.54mm pitch, blue	1
	Driver CD (protective film)	MEC-0031	1

Ordering Information

Part Number	Model Number	Description
0010-000121	MEC-0031-01/80G/256M/CM 600M	Complete PC/RoHS: Celeron-M 600M 512K/256M/80G/90W power supply/HPC-1711CLD2N/PCI-6103P2(B)
0010-008661	MEC-0031-01/CM 600M/256M/CF card1.0G	Complete PC/RoHS: Celeron-M 600M 512K/256M/CF card1.0G/90W POWER SUPPLY/HPC-1711CLD2N/PCI-6103P2(B)
0010-000131	MEC-0031-02/80G/512M/PM 1.4G	Complete PC/RoHS: Pentium-M 1.4G/512M/80G/90W power supply/HPC-1711CLD2N-PM1.4G/PCI-6103P2(B)
0010-008751	MEC-0031-02/PM 1.4G/512M/CF card1.0G	Complete PC/RoHS: Pentium-M 1.4G/512M/CF card1.0G/90W power supply/HPC-1711CLD2N-PM1.4G/PCI-6103P2(B)
0010-000120	MEC-0031-01/160G/256M/CM 600M	Complete PC: Celeron-M 600M 512K/256M/160G/90W power supply/HPC-1711CLD2N/PCI-6103P2(B)
0010-008660	MEC-0031-01/CM 600M/256M/CF card1.0G	Complete PC: Celeron-M 600M 512K/256M/CF card1.0G/90W power supply/HPC-1711CLD2N/PCI-6103P2(B)
0010-000130	MEC-0031-02/160G/512M/PM 1.4G	Complete PC: Pentium-M 1.4G/512M/160G/90W power supply/HPC-1711CLD2N-PM1.4G/PCI-6103P2(B)
0010-008750	MEC-0031-02/PM 1.4G/512M/CF card1.0G	Complete PC: Pentium-M 1.4G/512M/CF card1.0G/90W power supply/HPC-1711CLD2N-PM1.4G/PCI-6103P2(B)
0020-031211	MEC-0031/no power supply/no backplane	Empty chassis/RoHS