

## REC5415

### Intel Core 2 Duo Fan-less Embedded Controller

REC5415 is a ruggedized industrial solution, which provides extreme reliable functions, scalable processing efficiency, stackable chassis extension, rich I/O features and flexible industrial design. Ruggcore fan-less embedded computer supports Intel Core 2 Duo/ Celeron M processor with 533/667MHz FSB, DDRII 667/533 memory up to 2GB. In addition, the housing of Ruggcore series takes aluminum chassis to construct a strong mechanical structure for any harsh industrial applications.

#### Key Features

- Intel Celeron M & Core 2 Duo Process
- Fan-less
- Wide Input Voltage DC 9~36V
- Stackable Chassis Upgradable Design
- Ruggedized Housing Design
- Rich I/O (4USB, 2 COM, 2 LAN)
- Rich Video (DVI-I, HDMI, LVDS)

#### Application

- Machine Controller
- Factory Automation
- Marine
- Transportation



### Specifications

V1

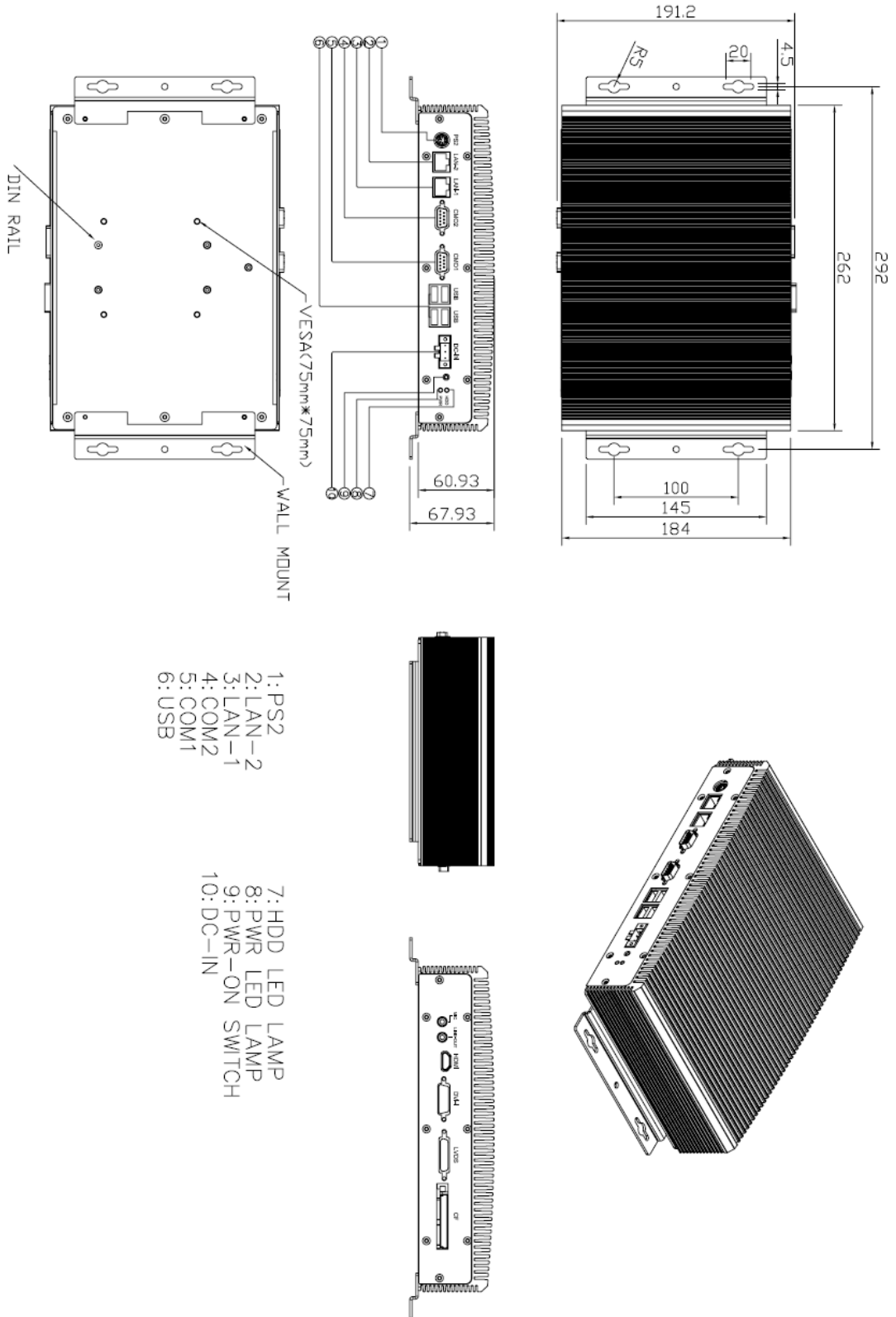
<b>Model Number</b>	REC5415
<b>Description</b>	Intel Core 2 Duo Fan-less Embedded Controller
<b>Processor</b>	Intel® Core 2 Duo / Celeron M
<b>Chip Set</b>	Intel® 945GME + ICH-7M
<b>System Memory</b>	DDRII SODIMM x 1, Max. 2GB (DDRII 400/533/667)
<b>Ethernet</b>	Intel® EP82562ET, 10/100 Base-TX; Intel 82573 GbE (Gigabit Ethernet)
<b>Storage</b>	Compact Flash x1
<b>Audio</b>	ALC655, Line-Out, MIC
<b>I/O Interface- Front</b>	PSII KB/MS, RJ45 x2, USB x4, COMx2 (RS232 x1, RS232/422/485 x1)
<b>I/O Interface- Rear</b>	Audio Phone Jack ( Line-out, MIC-in), LVDS Connector, CF Slot, DVI-I, HDMI (Optional)
<b>BIOS</b>	Award
<b>Wake On LAN</b>	Yes
<b>Extension Interface</b>	Mini PCI; Mini PCI-E
<b>Power Supply</b>	DC Input voltage: 9V ~ 36V
<b>Display</b>	Supports CRT/LCD, Dual Simultaneous Display
<b>Chip Set</b>	Intel® 945GME Integrated
<b>Memory</b>	Shared system memory up to 224MB
<b>Resolutions</b>	Up to 2048 x 1536 (QXGA) for CRT; Up to 1600 x 1200 (UXGA) for LCD
<b>Mechanical</b>	
<b>Construction</b>	Rugged Aluminum Alloy Chassis
<b>Mounting</b>	Wall mount, Desktop, DIN Rail
<b>Dimension</b>	262mm (W) x 61mm(H) x 184mm(D)
<b>Net Weight</b>	4kg
<b>Environmental</b>	
<b>Operating Temperature</b>	15°C ~ 50°C (5°F ~ 122°F)
<b>Storage Temperature</b>	-20°C~70°C (-4°F~158°F)
<b>Operating Humidity</b>	5~90% @ 40°C, non-condensing
<b>Vibration</b>	1g rms / 5~500Hz / random operation
<b>Shock</b>	20G peak acceleration (11msec. duration)
<b>Certification</b>	CE/FCC

Specifications are subject to change without notice.  
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## Mechanical Drawing

### Outline Dimensions

Unit:mm



## Ordering Information

Part Number	Description
REC5415-A01	Intel Celeron M 1.86GHz.1GB RAM,Fanless,DC 9~36V input.LANx1 & Giga LANx1,USBx4.COMx2,DVI-Ix1.HDMIx1(option),LVDSx1,CF Slot
REC5415-A01-01	Intel Celeron M 1.86GHz.1GB RAM,Fanless,DC 9~36V input.LANx1 & Giga LANx1,USBx4.COMx2,DVI-Ix1.HDMIx1(option),LVDSx1,CF Slot
REC5415-A02	Intel Core 2 Duo 2.16GHz.1GB RAM,Fanless,DC 9~36V input.LANx1 & Giga LANx1,USB*4,COM*2.DVI-I or HDMI*1(option).LVDS*1,CF Slot
REC5415-A02-01	Intel Core2Duo 2.16GHz(T7400).1GB RAM,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*2.DVI-I*1,HDMI*1(option),LVDS*1.CF 8GB with.XPe pre-installation
REC5415-A03	Intel Core2Duo 1.66GHz(T5500).1GB RAM,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*2.DVI-I*1,HDMI*1(option),LVDS*1.CF Slot
REC5415-A03-01	Intel Core2Duo 1.66GHz(T5500).1GB RAM,Fanless,DC9~36V input.LAN*1,USB*4.COM*2,DVI*1,HDMI*1.(option),LVDS*1.CF 8GB with XPe pre-installati.pre-installatin
REC5415-B01	Barebone,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*2.DVI-I*1,HDMI*1(option),LVDS*1.CF Slot
REC5415-D01	Intel Celeron M 1.86GHz (440).1GB RMA,Fanless,DC 9~36V input.LAN*1,Giga LAN*1,USB*4,COM*2.VGA*1,LVDS*1,CF Slot
REC5415-D03	Intel Core 2 Duo 1.66GHz.(T5500).1GB RAM,Fanless.DC 9~36V input.LANx1.Giga LANx1,USB*4,COM*2.VGA*1,LVDS*1,CF Slot

## Optional Accessories

Part Number	Description
840612073000	AC-to-DC Adapter DC12V/7.0A 84W (max), with Phoenix Power Plug
47600001001	Din-rail Bracket
810501201000	PS/2 Y Cable for Keyboard and Mouse
810218001020	DVI-I to DVI-D & DVI-I to VGA Port Y Cable
800105005010	LVDS Cable, for CM1236 & CM1555 panel, 500mm
800105005020	LVDS Cable, for AU1744 & AU1954 panel, 500mm
810518001030	HDMI cable
810618301015	Power Cable USA Type
810618301115	Power Cable UK Type
810618301145	Power Cable Australia Type
810618301070	Power Cable Europe Type