

REC5425

Intel Core 2 Duo Fan-less Embedded Controller

REC5425 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, 6 COM, 2 LAN)
- Rich Video (DVI-I, HDMI, LVDS)

Application

- Machine Controller
- Factory Automation
- Marine
- Transportation



Specifications

V1

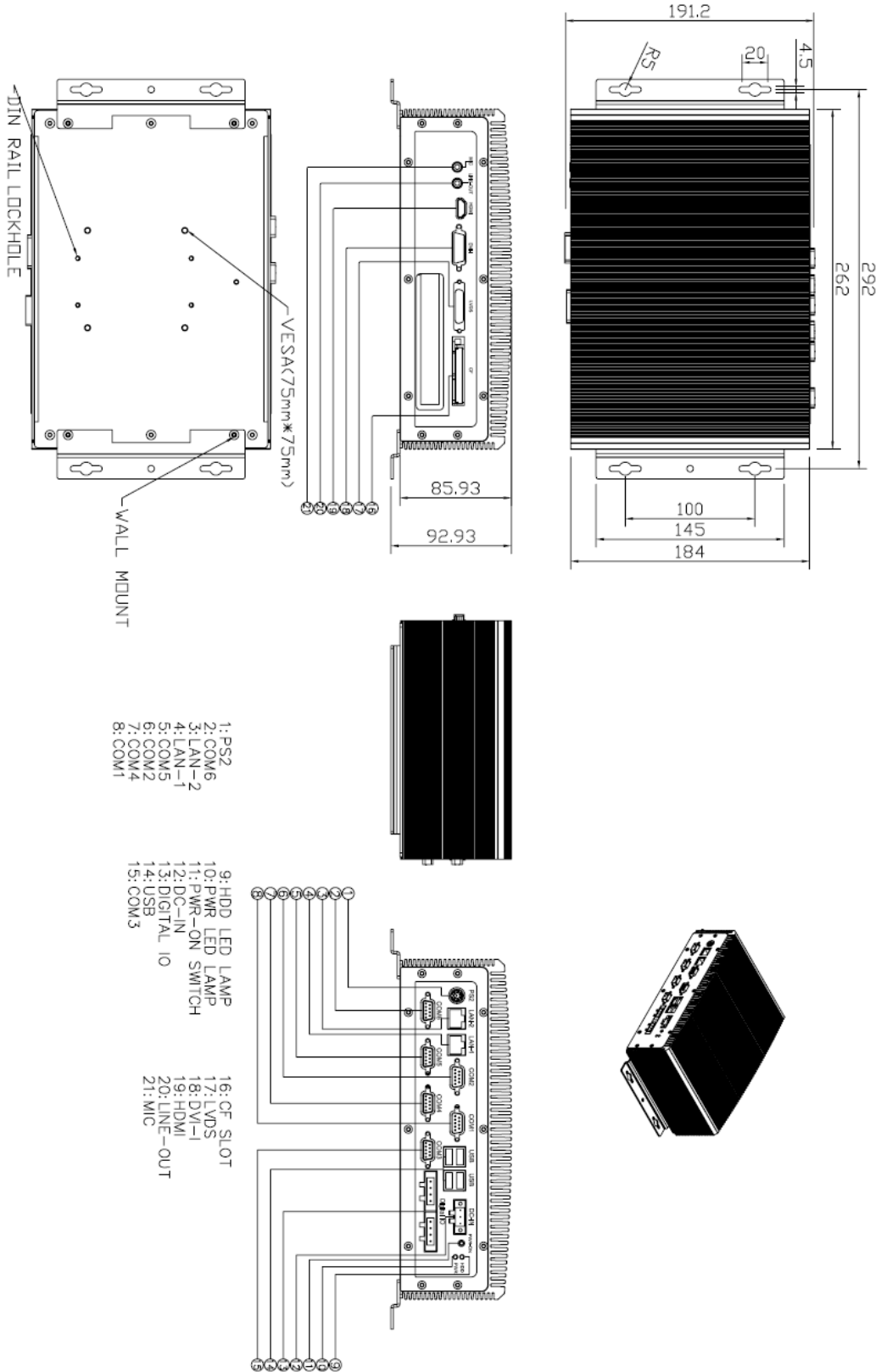
Model Number	REC5425
Description	Intel Core 2 Duo Fan-less Embedded Controller
Processor	Intel® Core 2 Duo / Celeron M
Chip Set	Intel® 945GME + ICH-7M
System Memory	DDRII SODIMM x 1, Max. 2GB (DDRII 400/533/667)
Ethernet	Intel® EP82562ET, 10/100 Base-TX; Intel 82573 GbE (Gigabit Ethernet)
Storage	SATA 2.5" HDD, Compact Flash x1
Audio	ALC655, Line-Out, MIC
I/O Interface- Front	PSII KB/MS, RJ45 x2, USB x4, COMx6 (RS232 x5, RS232/422/485 x1), Digital I/O 8 bits
I/O Interface- Rear	Audio Phone Jack (Line-out, MIC-in), LVDS Connector, CF Slot, DVI-I, HDMI (Optional)
BIOS	Award
Wake On LAN	Yes
Extension Interface	Mini PCI; Mini PCI-E, PCI Slot
Power Supply	DC Input voltage: 9V ~ 36V
Display	Supports CRT/LCD, Dual Simultaneous Display
Chip Set	Intel® 945GME Integrated
Memory	Shared system memory up to 224MB
Resolutions	Up to 2048 x 1536 (QXGA) for CRT; Up to 1600 x 1200 (UXGA) for LCD
Mechanical	
Construction	Rugged Aluminum Alloy Chassis
Mounting	Wall mount, Desktop, DIN Rail
Dimension	262mm (W) x 86mm(H) x 184mm(D)
Net Weight	4.6kg
Environmental	
Operating Temperature	-15 C~55 C (5 F~131 F)-CFD -15C~50C (5F~122F)-Automotive HDD -15C~45C (5F~113F)-Normal HDD Storage
Storage Temperature	-20 C~70 C (-4 F~158 F)
Operating Humidity	5~90% @ 40 C, non-condensing
Vibration	1g rms / 5~500Hz / random operation
Shock	20g peak acceleration (11msec. duration)
Certification	CE/FCC

Specifications are subject to change without notice.
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Mechanical Drawing

Outline Dimensions

Unit:mm



Ordering Information

Part Number	Description
REC5425-A01	Intel Celeron M 1.86GHz(440).1GB RAM,Fanless,DC 9~36V input.LANx1,Giga LANx1,USB*4,COM*6.DVI-I*1,HDMI*1(option),LVDS*1.CF Slot,HDD Bay*1,PCI Slot*1.DI/DO*4
REC5425-A01-01	Intel Celeron M 1.86GHz(440).1GB RAM,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*6.DVI-I*1,HDMI*1(option),LVDS*1.CF Slot,160GB HDD.with XPe pre-installation.PCI Slot*1,DI/DO*4
REC5425-A02	Intel Core2Duo 2.16GHz(T7400).1GB RAM,Fanless,DC 9~36V input.LAN*1,Giga LAN*1,USB*4,COM*6.DVI-I*1,HDMI*1(option),LVDS*1.CF Slot,HDD Bay*1,PCI Slot*1.DI/DO*4
REC5425-A02-01	Intel Core2Duo 2.16GHz(T7400).1GB RAM,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*6.DVI-I*1,HDMI*1(option),LVDS*1.CF Slot,160GB HDD with XPe.pre-installation,PCI Slot*1.DI/DO*4
REC5425-A03	Intel Core2Duo 1.66GHz(T5500).1GB RAM,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*6.DVI-I*1,HDMI*1(option).LVDS*1.CF Slot,HDD Bay*1.PCI Slot*1.DI/DO*4
REC5425-A03-01	Intel Core2Duo 1.66GHz(T5500).1GB RAM,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*6.DVI-I*1,HDMI*1(option),LVDS*1.CF Slot,160GB HDD with XPe.Pre-installation,PCI Slot*1.DI/DO*4
REC5425-B01	Barebone,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*6.DVI-I*1,HDMI*1(option),LVDS*1.CF Slot,HDD Bay*1,PCI Slot*1.DI/DO*4
REC5425-D01	Intel Celeron M 1.86GHz(440).1GB RAM,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*2.VGA*1,LVDS*1,CF Slot,HDD Bay*1.PCI Slot*1
REC5425-D03	Intel Core2Duo 1.66GHz (T5500).1GB RAM,Fanless,DC9~36V input.LAN*1,Giga LAN*1,USB*4,COM*2.VGA*1,LVDS*1,CF Slot,HDD Bay*1.PCI Slot*1

Optional Accessories

Part Number	Description
840612073000	AC-to-DC Adapter DC12V/7.0A 84W (max), with Phoenix Power Plug
476000001001	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