

REC4316

AMD T56N Processor Fan-less Embedded Controller

REC4316 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 with AMD G-Series T56N processor, and DDRIII 1066 memory. In addition, the housing of Ruggcore series takes aluminum chassis to construct a strong mechanical structure for any harsh industrial applications.

Key Features

- AMD G-Series Processor T56N
- Good Graphic Performance
- SODIMM DDRIII 1066 Memory
- Fan-less
- Wide Input Voltage DC 9~36V
- Ruggedized Housing Design

Application

- Machine Controller
- Factory Automation
- Marine
- Transportation



Specifications

Preliminary

Model Number	REC4316
Description	AMD G-Series T56N Processor Fan-less Embedded Controller
Processor	AMD T56N 1.6GHz(Dual Core)
Chip Set	AMD G-Series
System Memory	204-pin DDR3 SODIMM x1, Max. 4GB
Ethernet	Gigabit, RJ-45 x 2
Storage	SATA (3.0G/s) x2 ,CFAST x1,mSATA optional (support either mSATA or full size mini card) x1
Audio	MIC In / Line Out
I/O Interface Front	RJ45 x2, USB x2, COMx2(RS232x1, RS232/422/485 x1), VGAX1, HDMI x1, Audio Phone Jack x 2(Line-Out, MIC In)
I/O Interface Rear	USBx4,COMx2 (RS232 x2), Power Switch, DC-In, HDD Bay 2.5"
Wake On LAN	Yes
Extension Interface	Mini Card slot x1 (internal), Cfast Slot x1(internal)
Power Supply	DC Input voltage: 9V~ 36V
Display	Supports VGA / HDMI
Chip Set	ATI HD6320
Resolutions	Up to 2560 x 1600
Mechanical	
Construction	Rugged Aluminum Alloy Chassis
Mounting	Wall Mount, Desktop
Dimension	305x146x47mm
Net Weight	1.5Kg
Environmental	
Operating Temperature	-15°C ~ 50°C (5°F ~ 131°F)
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 Class A

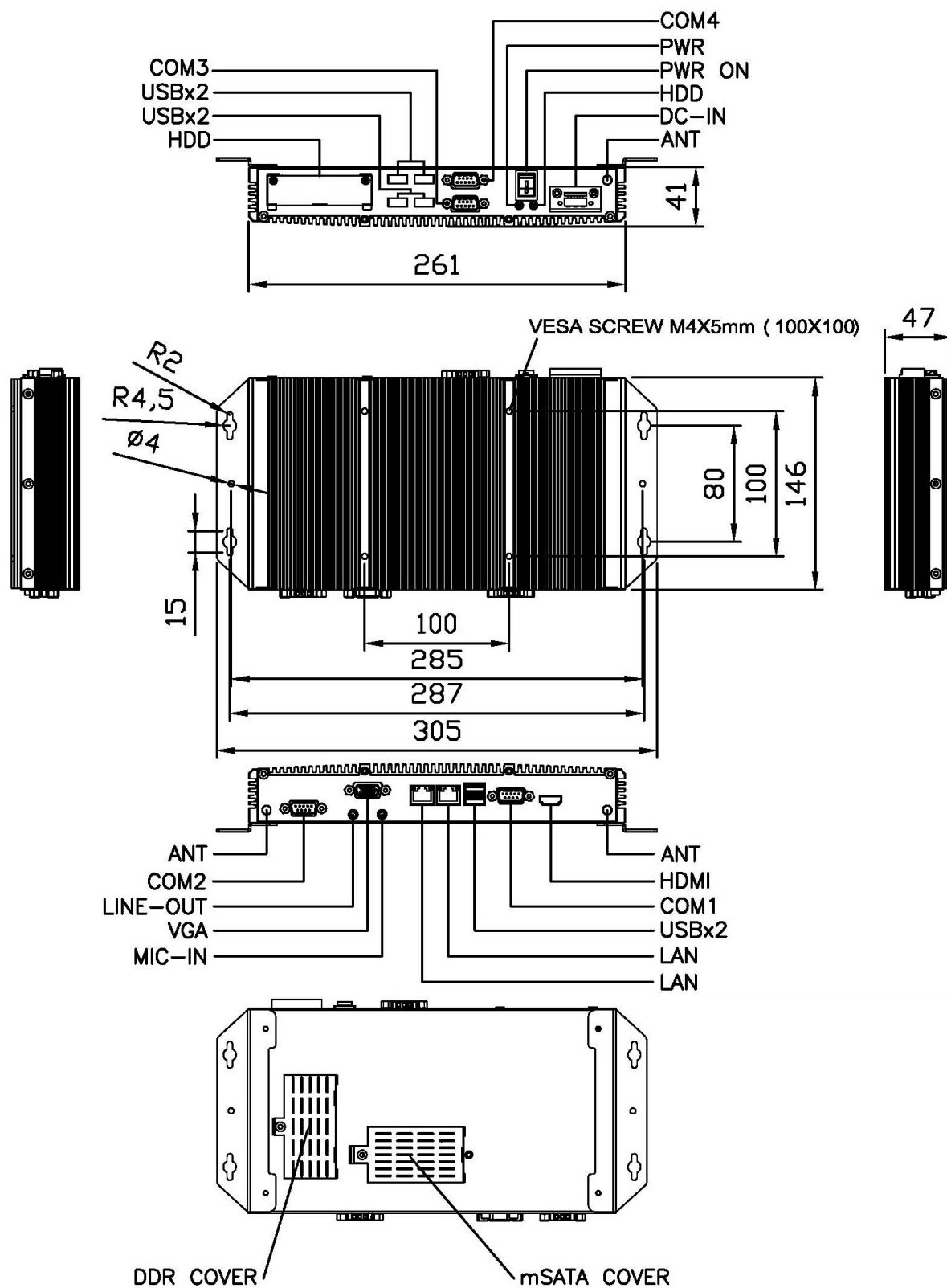
Specifications are subject to change without notice.

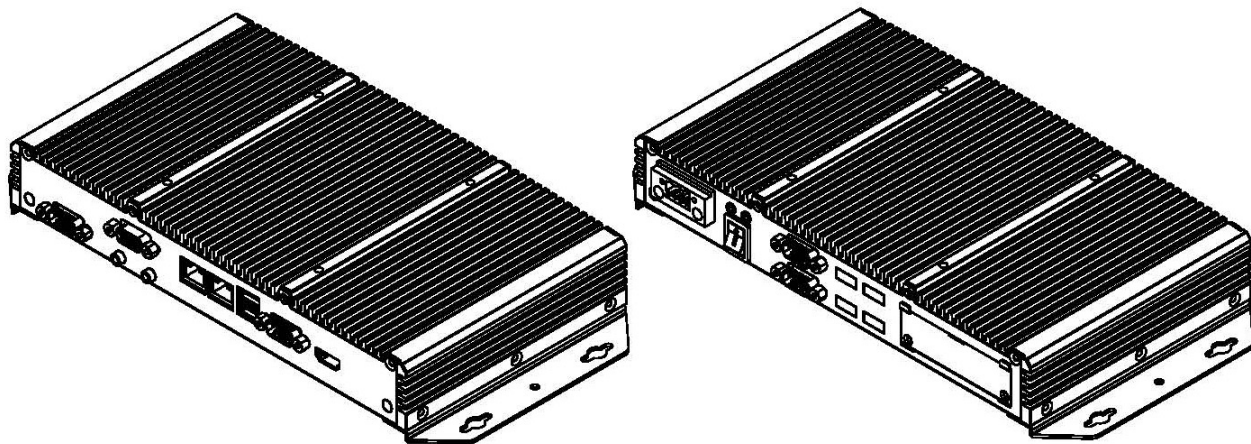
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Mechanical Drawing

Outline Dimensions

Unit:mm





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Ordering Information

Part Number	Description
REC4316-A01	AMD T56N 1.6GHz processor, 2GB DDR3.RJ45*2,VGA,HDMI,USB*6.COM*4,HDD Bay 2.5,mini card.9~36V,V01

Optional Accessories

Part Number	Description
840612073000	ADAPTER,12V,7.0A,84W.LE-0316B120084.NLE-0316BS12V-AE
810618301015	Power Cable USA Type
810618301115	Power Cable UK Type
810618301145	Power Cable Australia Type
810618301070	Power Cable Europe Type