REC2212
AMD T16R Processor Fan-less Embedded Controller

REC2212 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 T16R processor, and DDRIII 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 T16R
- Good Graphic Performance
- SODIMM DDRIII Memory
- Fan-less
- Wide Input Voltage DC 9~36V
- Ruggedized Housing Design

Application
- Machine Controller
- Factory Automation
- POS
- Transportation

Specifications	Preliminary

Model Number	REC2212
Description	AMD G-Series T16R Processor Fan-less Embedded Controller
Processor	AMD T16R 615MHz
Chip Set	AMD G-Series
System Memory	204-pin DDR3 SODIMM x1, Max. 4GB
Ethernet	Gigabit, RJ-45 x 2
Storage	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 x4, COMx1(RS232x1, RS232/422/485 x1), VGAx1, HDMI x1
I/O Interface Rear	COMx2 (RS232 x2), Audio Phone Jack x 2(Line-Out, MIC In), Power Switch, DC-In
Wake On LAN	Yes
Power Supply	DC Input voltage: 9V~ 36V
Display	Supports VGA / HDMI
Chip Set	ATI HD6250
Resolutions	HDMI Up to 1920x1080, VGA Up to 1920x1200
Mechanical	
Construction	Rugged Aluminum Alloy Chassis
Mounting	Wall Mount, Desktop
Dimension	266.4x130x43.2mm
Net Weight	1.0Kg
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.
All brands or product names are trademarks or registered trademarks of their respective companies.

REC3423
Intel N270 1.6GHz Processor Fan-less Embedded Controller

REC3423 is a ruggedized industrial solution, which provides extreme reliable functions, low power consumption, rich I/O features and flexible industrial design.

Ruggcore fan-less embedded computer supports Intel N270 1.6GHz processor with 533MHz FSB, DDRII 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 N270 1.6GHz Process on Board
- Low Power Consumption
- Fan-less
- Wide Input Voltage
- Ruggedized Housing Design

Application
- Machine Controller
- Factory Automation
- Marine
- Transportation

Specifications	V1

Model Number	REC3423
Description	Intel N270 1.6GHz Processor Fan-less Embedded Controller
Processor	On board Intel® Atom N270 Processor 1.6GHz, FSB 533MHz
Chip Set	Intel® 945GSE + ICH7M
System Memory	200-pin DDRII SODIMM x1, Max. 2GB (DDRII 400/533)
Ethernet	Intel® 82574L, 10/100/1000Base-TX, RJ-45 x 2
Storage	SATA II HDD x 1, Type II Compact Flash™ x 1
Audio	Line-Out, MIC-in
I/O Interface- Front	RJ45 x2, USB x2, COM (RS232)x1, DVI-Ix1
I/O Interface- Rear	Audio Phone Jack (Line-out, MIC-in), USBx2,COMx3 (RS232 x2, RS232/422/485 x1), DC-In
BIOS	Award Plug & Play SPI BIOS - 2MB Flash
Wake On LAN	No
Extension Interface	Mini PCI x1
Power Supply	+8.5V to +19V Wide DC Input
Display	
Chip Set	Intel 945GSE Integrated
Memory	Shared system memory up to 224MB/ DVMT3.0
Resolutions	Up to 2048 x 1536 @ 32bpp colors for CRT
Mechanical	
Construction	Rugged Aluminum Alloy Chassis
Mounting	Wall Mount, Desktop
Dimension	196(W) x 64(H) x 150 (D) mm
Net Weight	2.3kg
Environmental	
Operating Temperature	-15°C ~ 50°C (5°F ~ 122°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

REC3424
Intel D510 1.66GHz Processor Fan-less Embedded Controller

REC3424 is a ruggedized industrial solution, which provides extreme reliable functions, low power consumption, rich I/O features and flexible industrial design.

Ruggcore fan-less embedded computer supports Intel D510 1.66GHz processor with 800MHz FSB, DDRII 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 D510 1.66GHz Process on Board
- Low Power Consumption
- Fan-less
- Wide Input Voltage
- Ruggedized Housing Design

Application
- Machine Controller
- Factory Automation
- Marine
- Transportation

Specifications		V1
Model Number	REC3424	
Description	Intel D510 Processor Fan-less Embedded Controller	
Processor	On board Intel® Atom D510 Processor 1.66GHz, FSB 800MHz	
Chip Set	Intel® ICH8M	
System Memory	200-pin DDRII SODIMM x1, Max. 2GB (DDRII 667)	
Ethernet	Intel 82567V and 82583V Gigabit, RJ-45 x 2	
Storage	SATA II HDD x 1, Type II Compact Flash™ x 1	
Audio	Realtek ALC888 HD Audio CODEC, MIC-In/ Line-In/ Line-out	
I/O Interface- Front	RJ45 x2, USB x2, COM (RS232)x1, VGAx1, Power ON Switch	
I/O Interface- Rear	Audio Phone Jack (Line-out, MIC-in), USBx4,COMx3 (RS232 x2, RS232/422/485 x1), DC-In	
BIOS	AMI BIOS – 2MB ROM	
Wake On LAN	YES	
Extension Interface	Mini Card x2	
Power Supply	9~36V Wide DC Input	
Display		
Chip Set	Integrated graphics in processor	
Memory	Shared system memory up to 224MB/ DVMT3.0	
Resolutions	1920 x 1440 for D410/D510	
Mechanical		
Construction	Rugged Aluminum Alloy Chassis	
Mounting	Wall Mount, Desktop	
Dimension	196(W) x 64(H) x 150 (D) mm	
Net Weight	2.3kg	
Environmental		
Operating Temperature	-15°C ~ 50°C (5°F ~ 122°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	

Specifications are subject to change without notice.
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REC3425
Intel Core 2 Duo Fan-less Embedded Controller

REC3425 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
- Ruggedized Housing Design

Application
- Machine Controller
- Factory Automation
- Marine
- Transportation

Specifications	V1

Model Number	**REC3425**
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® 82573, 10/100/1000Base-TX, RJ-45 x 1
Storage	SATA HDD x1, Compact Flash x1
Audio	Line-Out, MIC-In
I/O Interface- Front	PS/2 Keyboard & Mouse, RJ45 x1, USB x2, COM (RS232)x1, VGA x1
I/O Interface- Rear	Audio Phone Jack (Line-out, MIC-in), USBx2, COMx1 (RS232/422/485 x1), DC Input
BIOS	Award Plug & Play BIOS - 1MB ROM
Wake On LAN	Yes
Extension Interface	Mini PCI x 1
Power Supply	+12V or +9~36V Wide Range DC Input (optional)
Display	
Chip Set	Intel® 945GME Integrated
Memory	Shared system memory up to 224MB/ DVMT3.0
Resolutions	Up to 2048 x 1536 @ 32bpp for CRT
Mechanical	
Construction	Rugged Aluminum Alloy Chassis
Mounting	Wall Mount, Desktop
Dimension	196(W) x 64(H) x 150 (D) mm
Net Weight	2.3kg
Environmental	
Operating Temperature	15°C ~ 50°C (5°F ~ 122°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

Specifications are subject to change without notice.
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REC4312
AMD T16R Processor Fan-less Embedded Controller

REC4312 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 T16R processor, and DDRIII 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 T16R
- Good Graphic Performance
- SODIMM DDRIII Memory
- Fan-less
- Wide Input Voltage DC 9~36V
- Ruggedized Housing Design

Application
- Machine Controller
- Factory Automation
- Marine
- Transportation

Specifications		Preliminary
Model Number	REC4312	
Description	AMD G-Series T16R Processor Fan-less Embedded Controller	
Processor	AMD T16R 615MHz	
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 HD6250	
Resolutions	HDMI Up to 1920x1080, VGA Up to 1920x1200	
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)	

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REC4313
AMD T40R Processor Fan-less Embedded Controller

REC4313 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 T40R 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 T40R
- 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	REC4313	
Description	AMD G-Series T40R Processor Fan-less Embedded Controller	
Processor	AMD T40R 1.0GHz(Single 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 HD6250	
Resolutions	HDMI Up to 1920x1080, VGA Up to 1920x1200	
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	

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REC4314
AMD T40N Processor Fan-less Embedded Controller

REC4314 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 T40N 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 T40N
- 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	REC4314	
Description	AMD G-Series T40N Processor Fan-less Embedded Controller	
Processor	AMD T40N 1.0GHz(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 HD6290	
Resolutions	HDMI Up to 1920x1080, VGA Up to 1920x1200	
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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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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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

Model Number	REC5415
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	Compact Flash x1
Audio	ALC655, Line-Out, MIC
I/O Interface- Front	PSII KB/MS, RJ45 x2, USB x4, COMx2 (RS232 x1, RS232/422/485 x1)
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
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 61mm(H) x 184mm(D)
Net Weight	4kg
Environmental	
Operating Temperature	15°C ~ 50°C (5°F ~ 122°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

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 ~ 50°C (5°F ~ 122°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

Specifications are subject to change without notice.

REC5435
Intel Core 2 Duo Fan-less Embedded Controller

REC5435 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	REC5435
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 HDD x1, 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, PCI-E 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 111mm(H) x 184mm(D)
Net Weight	5.3kg
Environmental	
Operating Temperature	15°C ~ 50°C (5°F ~ 122°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

Specifications are subject to change without notice.

REC5625
Intel i7/i5 Processor Fan-less Embedded Controller

REC5625 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 socket 989 with Intel Core 2 Duo i7/i5 processor, and DDRIII 800/1066 memory up to 4GB. In addition, the housing of Ruggcore series takes aluminum chassis to construct a strong mechanical structure for any harsh industrial applications.

Key Features
- Intel Arrandale Processor Intel Core™ i7/i5 (Socket-989) + QM57
- SODIMM DDRIII 800/1066 Memory, 4GB
- Support Display Port
- Fan-less
- Wide Input Voltage DC 9~36V
- Ruggedized Housing Design

Application
- Machine Controller
- Factory Automation
- Marine
- Transportation

Specifications		V3

Model Number	REC5625	
Description	Intel i7/i5 Processor Fan-less Embedded Controller	
Processor	Intel Arrandale Processor Intel i7/i5 (Socket-989)	
Chip Set	Intel QM57	
System Memory	DDRIII 800/1066 Memory up to 4GB	
Ethernet	10/100/1000Base-TX x 2 (Intel® 82577LM and Intel® 82574L)	
Storage	SATA II HDD x 1, Type II Compact Flash x 1	
Audio	Line-Out, MIC-in	
I/O Interface- Front	PWR/HDD LED, Power on SW, DC Input Phoenix Connector, USB x2, COMx3, Audio Phone Jack (Line-out, MIC-in)	
I/O Interface- Rear	USBx4, COMx1, RJ45 x2, DVI-I x1,HDD Cover	
BIOS	Award Plug & Play BIOS – 8 MB ROM	
Wake On LAN	Yes	
Extension Interface	Mini PCI-E	
Power Supply	DC Input voltage: 9V~ 36V	
Display	Supports CRT / Display port simultaneous display	
Chip Set	Intel® CPU integrated VGA, Integrated Graphics	
Memory	Shared system memory up to 512 MB	
Resolutions	Up to 2048 x 1536 (QXGA) for CRT	
Mechanical		
Construction	Rugged Aluminum Alloy Chassis	
Mounting	Wall mount, Desktop, DIN Rail	
Dimension	262(W) x 86(H) x 184 (D) mm	
Net Weight	4.5kg	
Environmental		
Operating Temperature	-5°C ~ 45°C (23°F ~ 113°F)	
Storage Temperature	-20°C~70°C (-4°F~158°F)	
Operating Humidity	10~90% @ 40°C, non-condensing	
Vibration	1g rms / 5~500Hz / random operation	
Shock	20G peak acceleration (11msec. duration)	
Certification	CE/FCC	

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