rBOX201-4COM

Robust Din-rail Fanless Embedded System with AMD LX800 + CS5536AF and 4 Isolated COM





Front view



Rear view

Specifications

Standard Color	Sliver-Black
Construction	Extruded aluminum and heary-duty steel, IP30
CPU	AMD LX800 processor
System Board	RM610
System Memory	1 x 200-pin DDR400 SO-DIMM max. up to 1 GB
System I/O Outlet	4 x RS-232/422/485 (COM 1-4) with Magnetic Isolation Protection 2 x 10/100Mbps Ethernet with Magnetic Isolation Protection 2 x USB 2.0 1 x VGA
	1 x DC power input with terminal block
Watchdog Timor	255 levels, 0~255 sec.
Watchdog Timer	i
Storage	Supports 1 x CompactFlash™
Installation	Din-rail
Power Supply	12 ~ 48VDC
Operating Temperature	-40° C ~ +70° C (-40° F ~ +158° F)
Storage Temperature	, ,
Humidity	5% ~ 95%
Weight (net/gross)	1.38 kg (3 lb)/1.72 kg (3.78 lb)
Dimensions	81 mm (3.18") (W) x 110 mm (4.33") (D) x 135 mm (5.31") (H)
EOS Support	XPE, WinCE, Linux
ISO	Manufactured in an ISO9001 facility
Safety	UL508
Compliance	UL60950-1
	EN60950-1
	IEC60950-1
EMI	FCC part 15, class A
Compliance	EN61000-6-4
	* EN55022
	* EN61000-3-2
	* EN61000-3-3
EMS	EN61000-6-2
Compliance	EN61000-4-2 (ESD standards)
	* Contact: +/- 6 KV; criteria B
	* Air: +/- 8 KV; criteria B
	EN61000-4-3 (radiated RFI standards)
	* 10V/m, 80 to 1000 MHz; 80% AM criteria A
	EN61000-4-4 (burst standards)
	* Signal ports: +/- 2 KV; criteria B
	* DC power ports: +/- 2 KV; criteria B
	EN61000-4-5 (surge standards)
	* Signal ports: +/- 1 KV; line-to-line; criteria B
	* DC power ports: +/- 0.5 KV; line-to-earth; criteria B
	EN61000-4-6 (induced RFI standards)
	* Signal ports: 10 Vrms @ 0.15 ~ 80 MHz; 80% AM criteria A
	* DC power ports: 10 Vrms @ 0.15 ~ 80 MHz; 80% AM criteria A
	EN61000-4-8 (magnetic field standards)
	Lito 1000-4-0 (magnetic netu standarus)











Fanless

Low Power

Features

- Fanless operation
- Wide temperature operation of -40°C ~ +70°C
- Supports 4 isolated COM ports, 2 USB ports,
- Supports two 10/100Mbps Ethernet with Magnetic **Isolation Protection**
- SNMP V1/V2c
- $Support\ CompactFlash^{\text{\tiny{TM}}}$
- Redundant power input with terminal block and 12 ~ 48VDC
- Supports AXView monitoring software package

IEC60068-2-6 Fc (vibration resistance) Compliance 5 g @ 10 ~ 150 Hz, amplitude 0.35 mm (operation/storage/transport) IEC60068-2-27 Ea (shock) 25 g @ 11 ms (half-sine shock pulse; operation); 50 g @ 11 ms (half-sine shock pulse; storage/transport) IEC60068-2-32 Ed (free fall) 1 M (3.281ft)

Power Protection

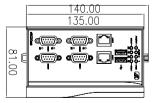
DC Version
OVP (over voltage protection) UVP (under voltage protection)
Reverse protection

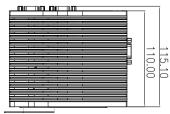
Ordering Information

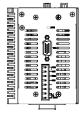
	Standard
rBOX201-4COM-FL	Fanless embedded system with AMD LX800 processor
	Optional
DDR2 SODIMM	512 MB ~ 1 GB (with W.T. memory)
CompactFlash™	1 GB or above (with W.T. CF)

^{*}Specifications and certifications are based on options and may vary.

Dimension







* 30 A/m @ 50, 60 Hz; criteria A