

# JMC-1101

Rugged Fanless Embedded PC

NEW



1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard/Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOC Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards &amp; Modules

11

Accessories



## Features

- Onboard AMD Geode™ LX800 CPU
- Onboard memory up to 256MB DDR Memory
- 10/100Mbps Ethernet controller
- 4 x COM, 2 x USB2.0, 1 x CF, 1 x IDE, 1 x LPT, 1 x PCI-104
- IP67 Level

## Specifications

System	
Processor	Onboard AMD Geode™ LX800
Chipset	AMD CS5536
Memory	Onboard 256MB DDR 200/266 memory
Expansion Interface	1 x PCI-104 Bus
I/O Interface	
USB	2 x USB 2.0 Port
Serial Port	3 x RS-232, 1 x RS-232/422/485
Parallel Port	N/A
IrDA	N/A
GPIO	4 Input; 4 Output
Audio	N/A
Ethernet	
Chipset	Realtek RTL8139
Speed	10/100M Ethernet Port
Connector	1 x RJ45
Power	
Power Supply	+5V Power Supply
Power Consumption	+5V@2.5A; +5%/ -3%
Test	
Vibration	frequency(5-30): amplitude (0.4mm); frequency(30-50): acceleration (1.5g); frequency(50-500): acceleration (4.2g), time for single direction vibration (7 minutes)
Shock	acceleration 50g, duration 11ms
EMC/EMI	Limits of radio disturbance are compliant with GB9254-1998, class A
Certification	Coming soon

Storage	
IDE	1 x Ultra ATA33/66/100 interface
Serial ATA	N/A
Floppy	N/A
CF	1 x CompactFlash Socket Type I/II
DOC/DOM	1 x DOC

Display	
Chipset	AMD Geode™ LX800 integrated graphics processor
Memory	8MB Share with system memory
Resolution	VGA mode up to 1600 x 1200@85Hz
Dual Display	N/A

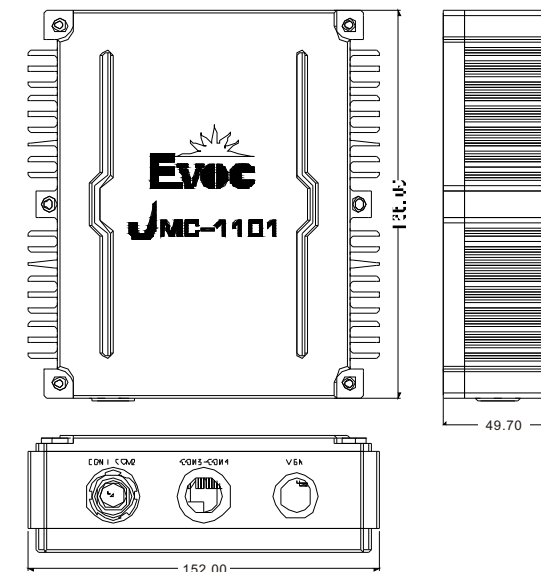
Mechanical and Environmental	
Dimensions	166.0mm(L) x 152.0mm(W) x 49.7mm(H)
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h
Operating Temperature	-20℃~70℃
Storage Temperature	-40℃~85℃
Operating Humidity	20%-93%, 40℃ non-condensing

Operation System	
Windows OS	Windows XP
Embedded OS	Linux/XP Embedded, Windows CE

## Available Accessories

Part NO.	Name	Description	Qty.
2332-002621	(YF)Aviation socket/RoHS	SX2F1C-P19MFD0/19-pin/socket to 2COM port	2
2332-002641	(YF)Aviation socket/RoHS	SX1B0C-P10MCC0/10-pin/socket to VGA port	1
2332-002661	(YF)Aviation socket/RoHS	SX1B0C-P08MFD0/8-pin/socket to 2USB port	1
2332-002671	(YF)Aviation socket/RoHS	SX1B0C-P08MFD0/8-pin/socket to LAN port	1
2332-002691	(YF)Aviation socket/RoHS	SX1B0C-P03MPH0/3-pin/socket to 3-Pin power supply cable	1
2332-002701	Aviation cap/RoHS	702.097.007.215.300/No.2 waterproof cap	2
2332-002711	Aviation cap/RoHS	701.097.007.215.300/No.1 waterproof cap	4
2360-003671	AC power supply cable/RoHS	Length: 1500mm/USA standard/821	1
	User Manual/Chinese and English/RoHS	JMC-1101	1
	Driver CD/Protective film/RoHS	JMC-1101	1
2100-055840	Power adapter	20W/ADP-H40S5II	1

## Dimensions



## Ordering Information

Part Number	Model Number	Description
0010-018560	JMC-1101/fanless/104-1642CLDNA/1001	Complete PC: LX800/256MB/2G CF card/104-1642CLDNA/20W/JMC-1101
0020-038950	JMC-1101/no power/no backplane	Empty chassis
0020-038951	JMC-1101/no power/no backplane	Empty chassis/RoHS