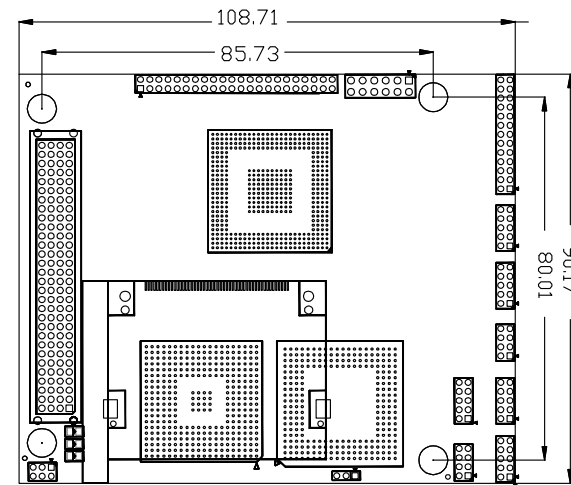
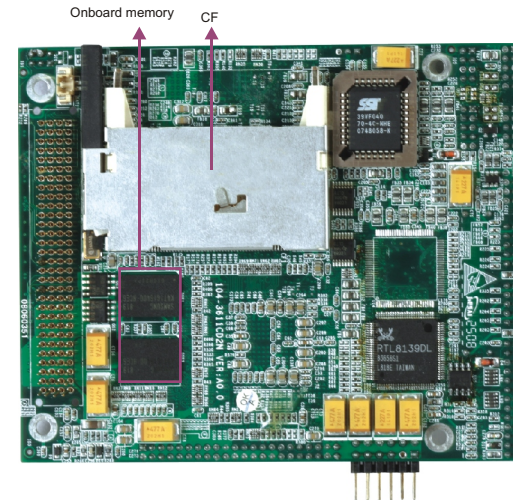
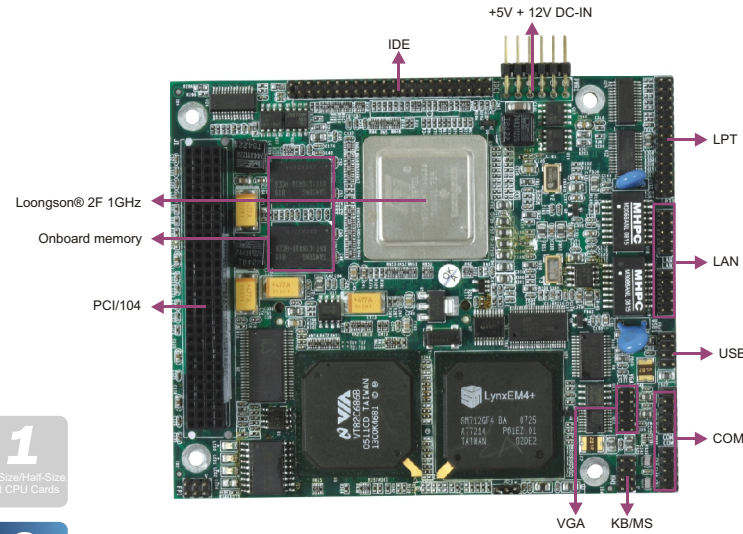


104-3611CD2N



PC/104 Form with CPU/Memory/SSD/2LAN



Features

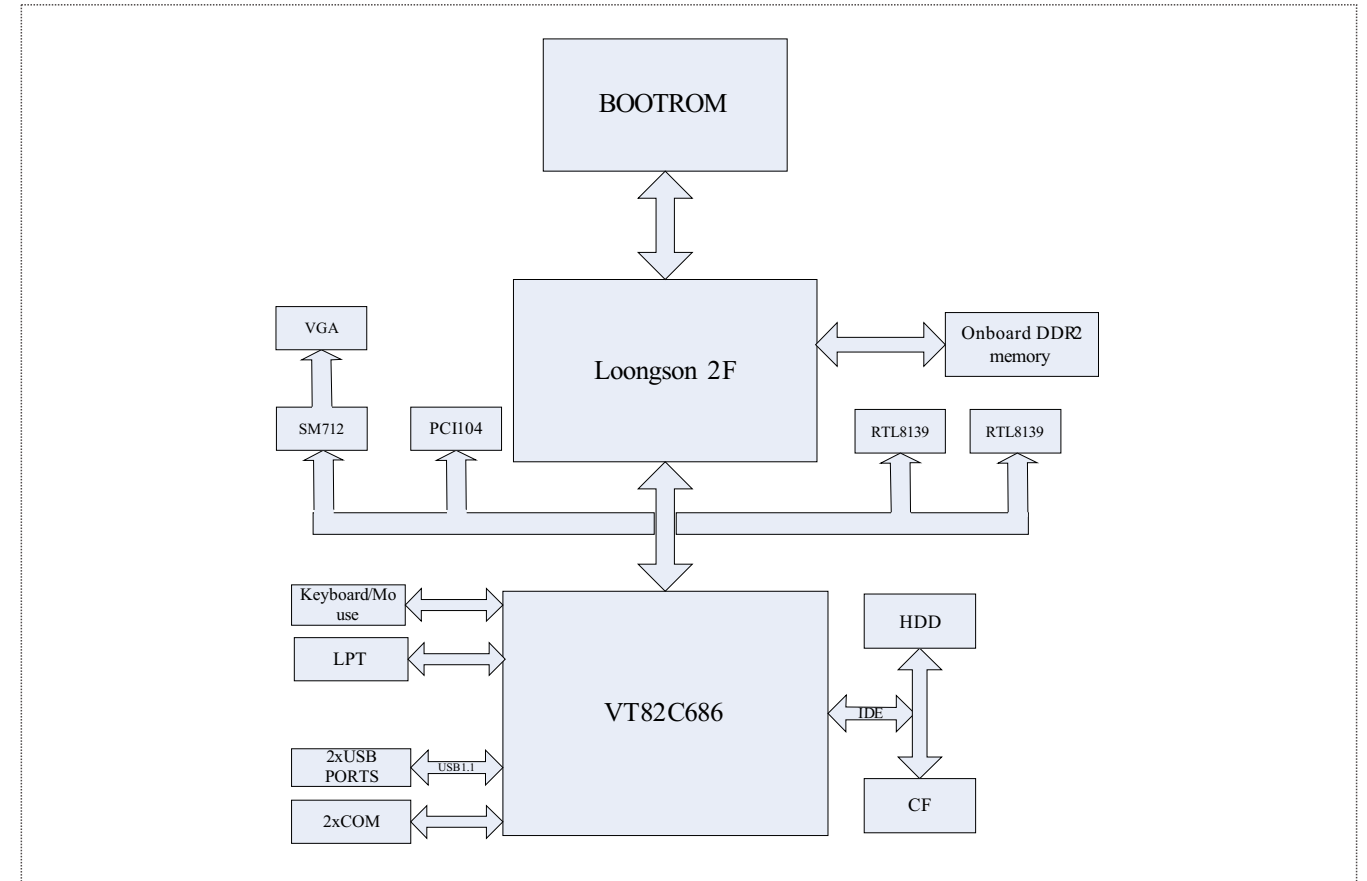
- Onboard Loongson@ 2F 1GHz Processor
- Onboard 512MB DDR2 SDRAM
- Two 10/100Mbps Ethernet controllers

Specifications

System	
Processor	Loongson@ 2F 1GHz Processor
Chipset	VIA @ VT82C686B
Memory	Onboard 512MB DDR2 667MHz SDRAM
Hardware Monitor	Monitors system status, voltage, temperature and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	1 x PCI104 Slot, 1 x CAN bus interface
Storage	
IDE	1 x 44pin IDE
Serial ATA	N/A
Floppy	N/A
CF	1 x CompactFlash Socket Type I / II
DOC/DOM	N/A
I/O Interface	
USB	2 x USB1.1 port, available interface of 9-pin header onboard
Serial Port	1 x RS-232, 1 x Rs485, available interfaces of 2 x 10-pin header onboard
Parallel Port	1 x LPT
IrDA	N/A
GPIO	N/A
Audio	N/A
Keyboard/Mouse	1 x PS/2 header onboard

Display	
Chipset	SM7126F4
Memory	Shared system memory
Resolution	Up to 1024 x 768@24bit
Display	VGA
Ethernet	
Chipset	2 x Realtek RTL8139D
Speed	10/100Mbps
Connector	2 x 10-PIN header onboard
Mechanical and Environmental	
Dimensions	108.71mm x 90.17mm
Operating Temperature	-40°C~85°C
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	+5VDC, +12VDC(+12V for PCI BUS)
Power Consumption	5V/3A, 3.3V/2.5A, 12V/0.1A
Operating System	
Embedded OS	Linux

Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
2360-022341	Power supply cable/RoHS	One male 20 Pin (2x10) 4.2mm pitch connector to female 2x6 Pin 2.54mm pitch connector (4.2mm pitch), length: 100mm	1
2360-012641	VGA cable/RoHS	2x5 Pin connector (2.0mm pitch) to 15P female right angle connector, length: 300mm/RoHS	1
2360-000351	Y-cable for keyboard and mouse/RoHS	PS/2 port connector to 8 Pin (2x4) connector (2.0mm pitch), length: 245mm/RoHS	1
2360-000341	Dual USB ports with bracket/RoHS	Two USB ports to one 8 Pin (2x4), connector (2.0mm pitch), length: 210mm/RoHS	1
2360-011221	Parallel port cable/RoHS	DB25 connector to 26 Pin (2x13) connector (2.0mm pitch), length: 300mm/RoHS	1
2360-011231	Serial port cable/RoHS	DB9 connector to 10 Pin (2x5) connector (2.0mm pitch), length: 300mm/RoHS	2
2360-008781	HDD flat cable/RoHS	40 Pin to 44 Pin (2.0mm pitch), length: 550mm/RoHS	1
0090-000200	LED panel	P10-RJ45LED	2
1090-004410	LED panel(PCBA)	P10-RJ45LED	1
2331-004681	Pin header/RoHS	2x5 Pin 2.0mm pitch	1
2331-006301	Network socket/RoHS	Straight pin RJ45-8P with indicator lamp/without spring piece	1
1090-500320	LED panel/related data	P10-RJ45LED	1
2330-000011	Jumper/RoHS	Pitch: 2.0mm, black, sealed tail	4
2360-012771	Serial port cable/RoHS	2x5 Pin (2.0mm pitch) to 2x5 Pin (2.0mm) connector, length: 300mm	2
—	Driver CD/Protective film/RoHS	104-3611CD2N/Linux (trial version)V1.0700M/CD	1
—	User Manual/Chinese and English/RoHS	104-3611CD2N	1

Ordering Information

Part Number	Model Number	Description
0030-004660	104-3611CD2N	PCI104 SBC with CPU/Memory/VGA/CF/2LAN

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 & Modules

11

Accessories

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

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Data Acquisition Boards & Modules

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Accessories