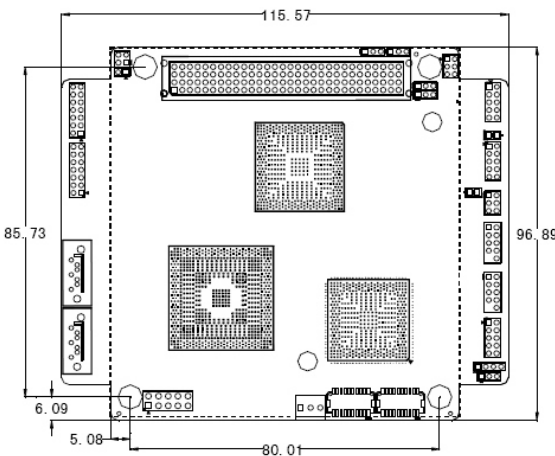
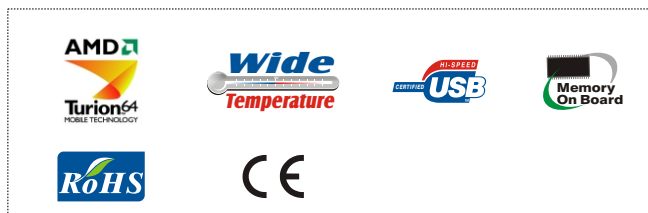
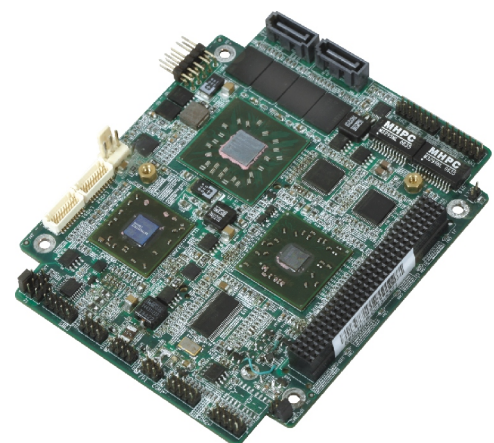
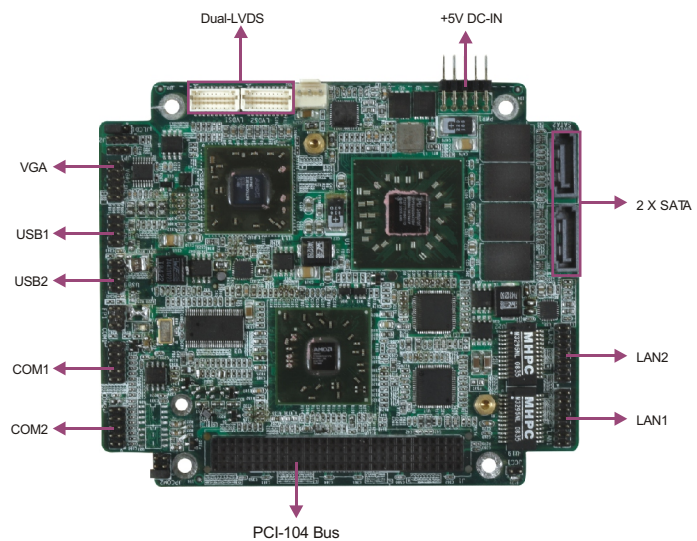


104-1841CLD2N



PC/104 SBC with CPU and LCD/VGA/SSD/LAN/COM



Features

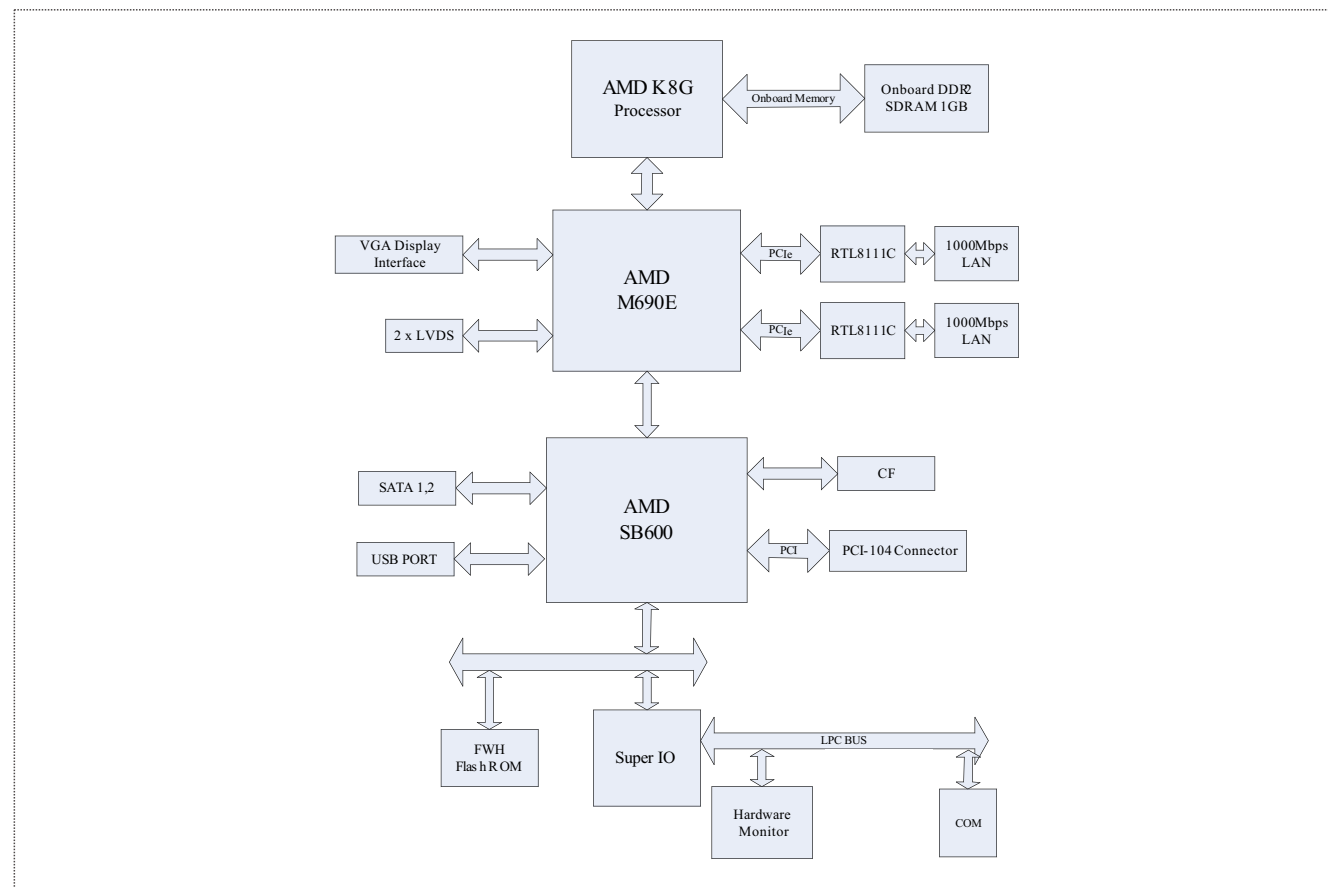
- Onboard AMD Mobile Sempron™ and Turion™ 64X 2, AMD K8 1.0G BGA
- Onboard 1GB DDR memory
- Supports VGA+18/24-bit TFT LVDS dual display
- PCI-104 expansion bus

Specifications

System	
Processor	Onboard AMD Mobile Sempron™ and Turion™ 64 X 2, AMD K8 1.0G BGA
Chipset	AMD M690E+SB600
Memory	Onboard 1GB DDR2 DRAM
Hardware Monitor	Monitors CPU temperature, voltage and fan speed
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
Expansion Interface	PCI-104 Bus
Storage	
IDE	N/A
Serial ATA	2 x SATA
Floppy	N/A
CF	1 x TYPE I/II CompactFlash socket
DOC/DOM	N/A
I/O Interface	
USB	4 x USB2.0
Serial Port	1 x RS-232, 1 x RS232/RS422/RS485
Parallel Port	N/A
IrDA	N/A
GPIO	N/A
Audio	N/A

Display	
Chipset	System chip AMD 690E integrates VGA and LVDS, supporting dual-display function
Memory	128MB shared memory
Resolution	VGA output up to 2048 x 1536@85Hz
Dual Display	Supports VGA+LVDS dual display
Ethernet	
Chipset	2 x 10/100/1000Mbps Ethernet controller
Speed	10/100/1000Mbps
Connector	2 x RJ45
Mechanical and Environmental	
Dimensions	116mm x 96mm
Operating Temperature	-25°C~75°C
Storage Temperature	N/A
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	+5V power supply
Power Consumption	Typical 15W(AMD 1Ghz, 1GB memory)
Operating System	
Windows OS	Windows2000/Windows XP
Embedded OS	Linux/XP Embedded
Certification	
	CE, RoHS

Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
2360-012651	DC Power supply cable/RoHS	2x5 Pin connector to one male power 4 Pin (5.08mm pitch), length: 250mm/RoHS	1
2360-014781	Dual USB ports with bracket/RoHS	Two USB ports to one 10 Pin (2x5) connector (2.0mm pitch), length: 550mm/RoHS	2
2360-012641	VGA cable/RoHS	2x5 Pin connector (2.0mm pitch) to 15P female right angle connector, length: 300mm/RoHS	1
2360-024341	LAN cable/RoHS	RJ45 connector to 2x7 Pin (2.0mm pitch)/UL20276/28AWG/14-line, length: 300mm	2
2360-011231	Serial port cable/RoHS	DB9 connector to 10 Pin (2x5) connector (2.0mm pitch), length: 300mm/RoHS	2
2330-000011	Jumper/RoHS	Pitch: 2.0mm, black, sealed tail	4
—	Driver CD/Protective film/Chinese and English/RoHS	104-1841CLD2N	1
—	User Manual/Chinese and English/RoHS	104-1841CLD2N	1
—	Setup Guide/RoHS	AMI/BIOS Setup Guide (for Core/8)	1
2360-017961	SATAHDD cable/RoHS	SATA7 Pin to SATA7 Pin with elbow connector, length: 550mm/RoHS	2

Ordering Information

Part Number	Model Number	Description
0030-010761	104-1841CLD2N	Motherboard/RoHS
0030-010760	104-1841CLD2N	Motherboard