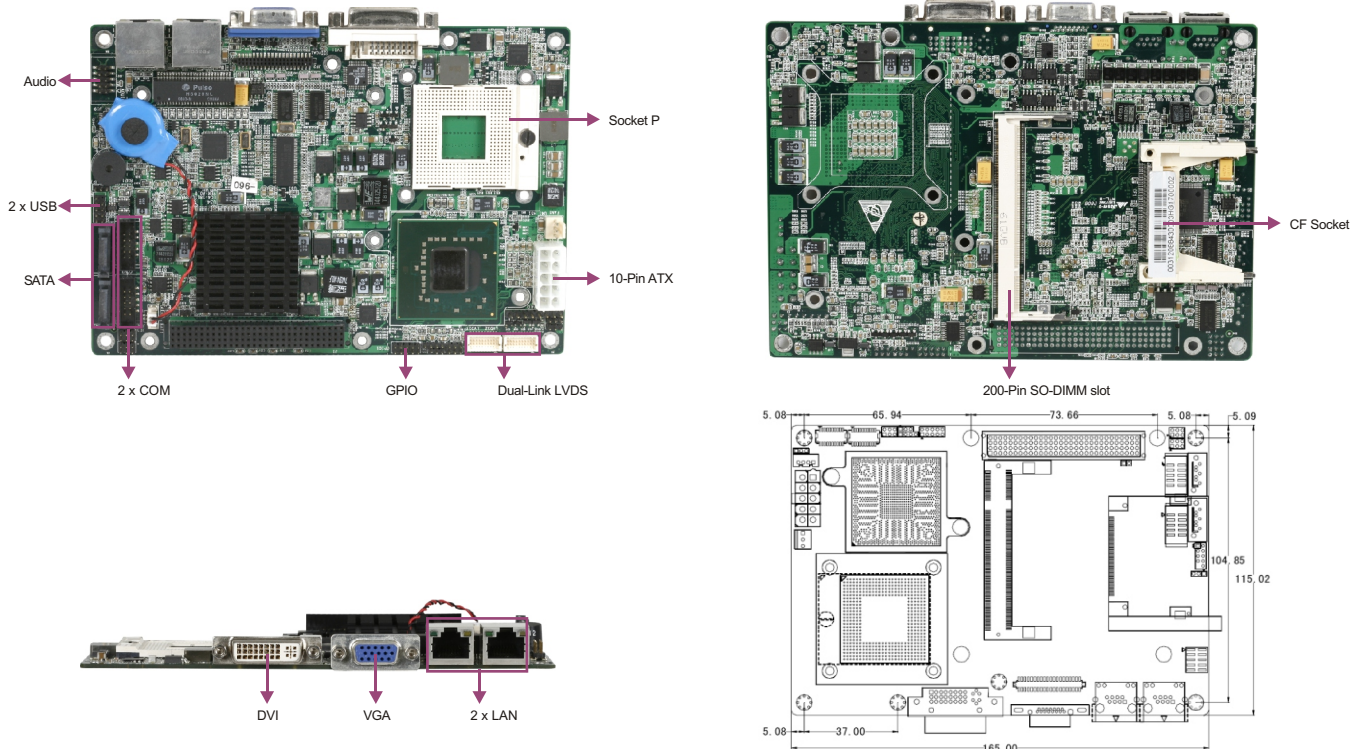


EC4-1811LD2NA



EPIC SBC with LVDS/VGA/CF/LAN/Audio



Features

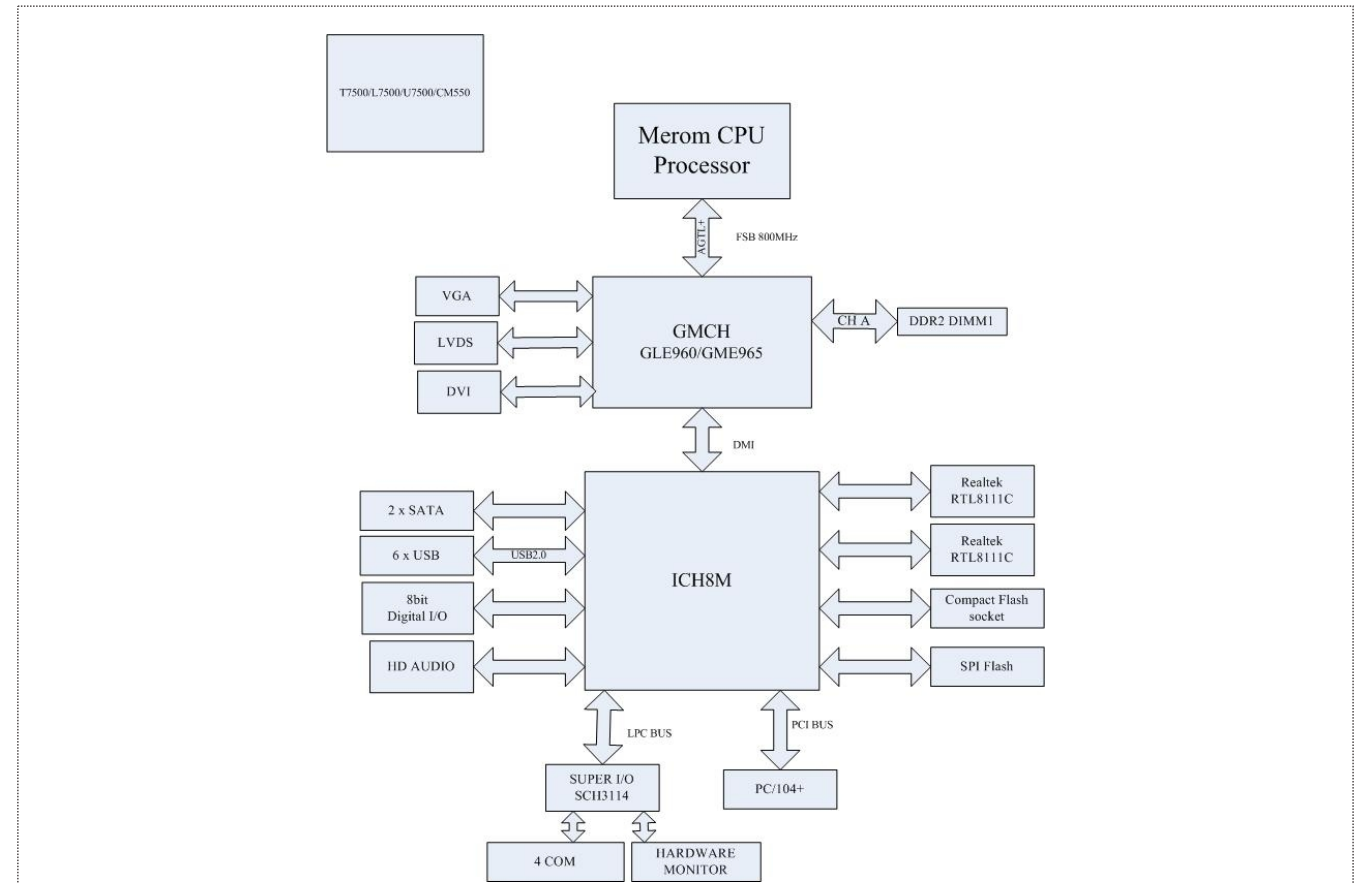
Intel GLE965/960 chipset, support Socket P 800MHz FSB Intel Core™ 2 Duo / on-board Core™ 2 Duo ULV /on-board Celeron® M processor
 1 x PC/104+ expansion bus
 6 x USB2.0 port, 2 x RS-232, 2 x RS-232/422/485 port
 1 x Typell CompactFlash socket

Specifications

System	
Processor	Supports Socket P 800MHz FSB Intel® Core™2 Duo processor, Optional Onboard Core™ 2 Duo ULV Processor
Chipset	Intel GLE960/GME965+ICH8-M
Memory	1 x 200-pin SODIMM, DDR2 533/667/800MHz up to 2GB
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 PCI-104 expansion bus
Storage	
IDE	N/A
Serial ATA	2 x SATAII
Floppy	N/A
CF	1 x Type II CF socket
DOC/DOM	N/A
I/O Interface	
USB	6 x USB2.0
Serial Port	2 x RS-232, 2 x RS-232/422/485
Parallel Port	1 x LPT
IrDA	N/A
GPIO	N/A
Audio	Realtek ALC888GR, supporting Intel® HDA
Keyboard/Mouse	N/A

Display	
Chipset	Intel GLE960/GME965 chipset integrates GMA3000
Memory	256MB shared memory
Resolution	CRT resolution up to 2048 x 1536
Dual Display	VGA-LVDS
Ethernet	
Chipset	Realtek RTL8111C
Speed	10/100/1000Mbps
Connector	2 x RJ45
Mechanical and Environmental	
Dimensions	165mm x 115mm
Operating Temperature	0°C~60°C
Storage Temperature	-40°C~80°C
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	10-pin ATX power supply connector
Power Consumption	N/A
Operating System	
Windows OS	Windows XP
Embedded OS	Linux/XP Embedded

Board Diagram



Available Accessories

Part Number	Name	Description	Qty.
2360-002581	Audio cable with bracket/RoHS	Three audio jacks to one 10 Pin (2x5) connector (2.0mm pitch), length: 300mm/RoHS	1
2360-014891	Power supply cable/RoHS	One male 20 Pin (2x10) port to female 10 Pin (2x5) connector (4.2mm pitch), length: 150mm/RoHS	1
2360-006251	Serial port cable/RoHS	2x5 Pin female 2.0mm pitch connector to DB 9 Pin connector/L=240	2
2360-014781	Dual USB ports with bracket/RoHS	Two USB ports to one 10 Pin (2x5) connector (2.0mm pitch), length: 550mm/RoHS	1
2360-017961	SATAHDD cable/RoHS	SATA7 Pin to SATA7 Pin with elbow connector, length: 550mm/RoHS	2
—	User Manual/RoHS	EC4-1811LD2NA	1
—	Driver CD/Protective film/RoHS	EC4-1811LD2NA	1
—	Setup Guide/RoHS	AMI/BIOS Setup Guide (for Core/8)	1

Ordering Information

Part Number	Model Number	Description
0030-008651	EC4-1811LD2NA-U7500	Motherboard/RoHS/CPU: U7500 1.06G/Chipset: GLE960
0030-008650	EC4-1811LD2NA-U7500	Motherboard/CPU: U7500 1.06G/Chipset: GLE960
0030-008660	EC4-1811LD2NA-965	Motherboard/Chipset: GME965
0030-008661	EC4-1811LD2NA-965	Motherboard/RoHS/Chipset: GME965
0030-013210	EC4-1811LD2NA-U7500/MEC-4004	Motherboard/CPU: U7500 1.06G/Chipset: GLE960/for MEC-4004
0030-013211	EC4-1811LD2NA-U7500/MEC-4004	Motherboard/RoHS/CPU: U7500 1.06G/Chipset: GLE960/for MEC-4004