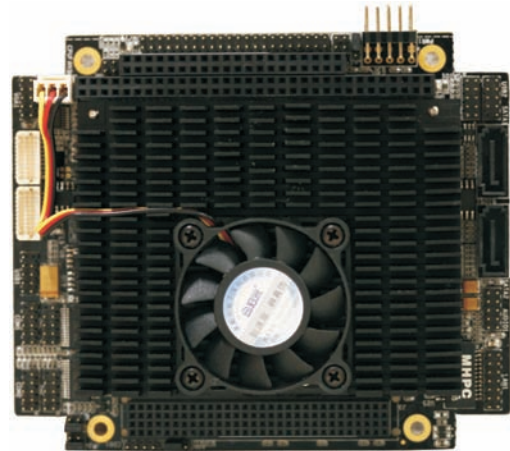


# 104-1811CLDNA(B)

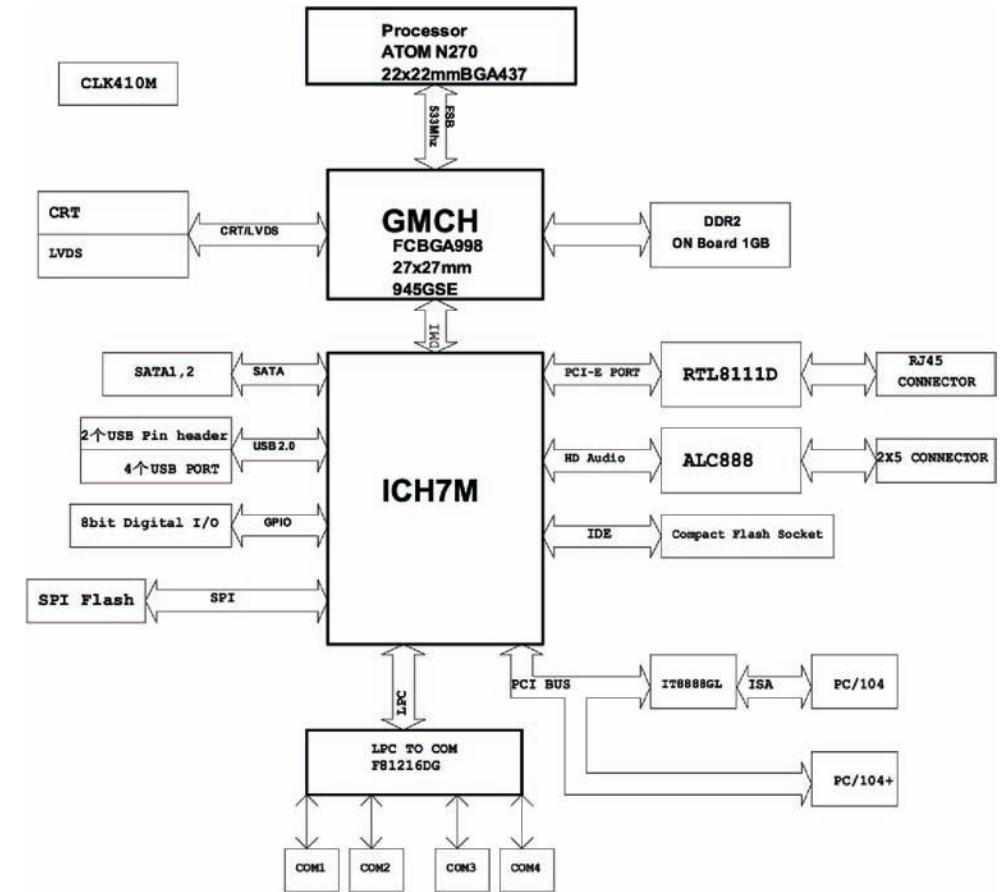
PC/104 Intel®Atom™ N270 SBC with VGA /LVDS /CF/LAN/Audio

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### Board Diagram



1  
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### Features

- Atom™ N270 1.6G/533MHz CPU
- Onboard 1G DDR2 memory
- Supports VGA/LVDS
- Supports 1x10/100/1000Mbps Ethernet interface
- Supports 2 x USB2.0, 4 x COM
- Operating Temperature : -40°C~85°C

### Specifications

System	
Processor	Onboard Atom™ N270 1.6G/533MHz CPU
Chipset	Intel® 945GSE + ICH7-M
Memory	Onboard 1G DDR2 memory
Hardware Monitor	N/A
Watchdog Timer	1-255 seconds or 1-255 minutes
Expansion Interface	PC/104-Plus
Storage	
IDE	1x 44-pin IDE
Serial ATA	2 x SATA
Floppy	N/A
CF	1 x CF
DOC/DOM	N/A
I/O Interface	
USB	2 x USB2.0 Ports
Serial Port	2 x RS-232, 2 x RS-422/RS-485
Parallel Port	N/A
IrDA	N/A
GPIO	8-bit digital I/O connector
Audio	ALC888
Keyboard/Mouse	N/A

Display	
Display Controller	Intel® 945GSE chipset integrates video card
Memory	N/A
Resolution	VGA and dual-channel 36-bit LVDS display (single channel)
Dual Display	LVDS supports 18-bit, VGA/LVDS
Ethernet	
Chipset	RTL8111D
Speed	10/100/1000Mbps
Connector	1x RJ45
Mechanical and Environmental	
Dimensions	116mm × 96mm
Operating Temperature	-40°C~85°C
Storage Temperature	N/A
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	AT Power Supply
Power Consumption	12W
Operating System	
Windows OS	Windows XP
Embedded OS	Linux/XP Embedded

### Optional Accessories

Part Number	Name	Description	Qty.
2192-009591	Driver DVD/protective film/RoHS	104-1811CLDNA(B)/VER:A1	1
2360-012641	VGA cable/RoHS	2x5 Pin connector(2.0mm pitch)to 15P female right angle connector, length: 300mm/ RoHS	1
2360-012651	DC power supply cable/RoHS	2x5 Pin connector to one male power 4 Pin (5.08mm pitch),length:250mm/ RoHS	1
2360-027521	COM cable/ROHS	DB9 male connector to DB 2x5-pin female connector, 2.0mm pitch, length: 300mm	4
2360-014781	USB cable	Two USB ports to one 10 Pin(2x5) connector(2.0mm pitch),length:550mm/RoHS	2
2360-017961	SATA cable/RoHS	SATA7Pin to SATA7Pin with elbow connector, length:550mm/RoHS	2
2360-002581	AV cable/ROHS	Audio cable with jacks, length: 300mm	1
2360-024341	RJ45 cable/ RoHS	2*7P(2.0) female to RJ45, length: 300mm	2
2360-008781	HDD flat cable/ RoHS	40Pin to 44Pin(2.0), length: 550mm	1

### Ordering Information

Part Number	Model Number	Description
0030-014270	104-1811CLDNA(B)	PC/104+ motherboard/onboard Intel N270/1GB DDR2 memory/VGA+LVDS/1 x IDE/2 x SATA/1 x 1000M network port/4 x USB/2 x RS422/485, 2 x RS232/1 x CF/1 x HD Audio

1  
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2  
EPIC/EBX /XTX

3  
BoxPC

4  
HMI