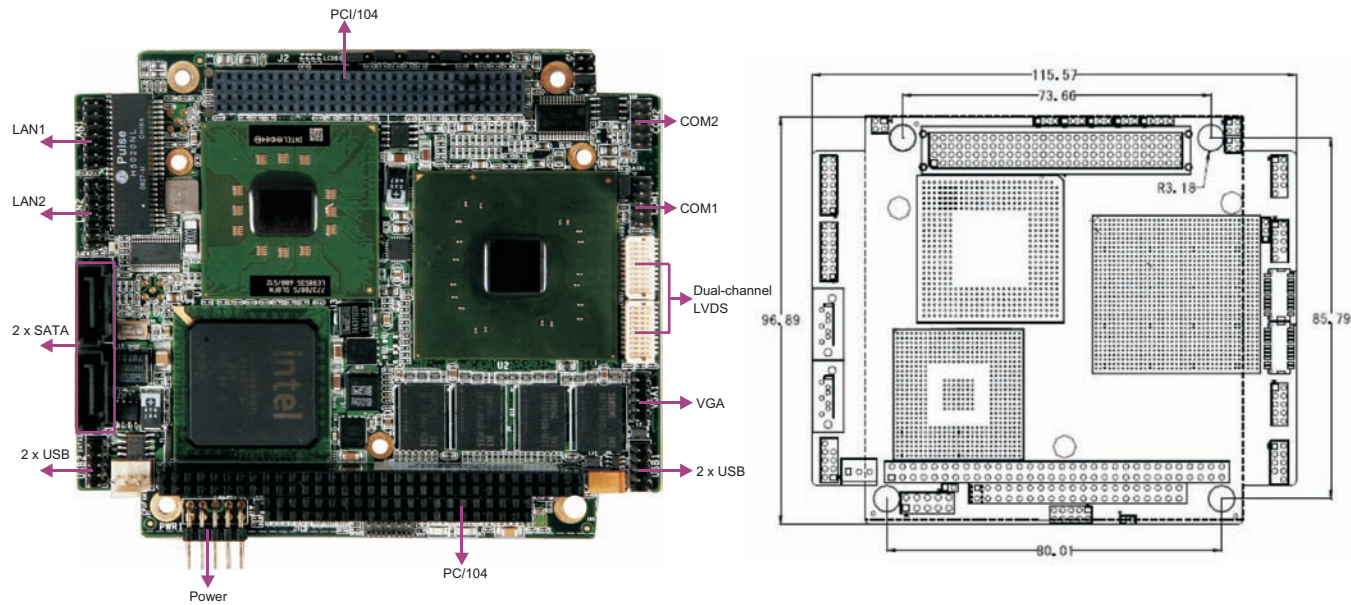


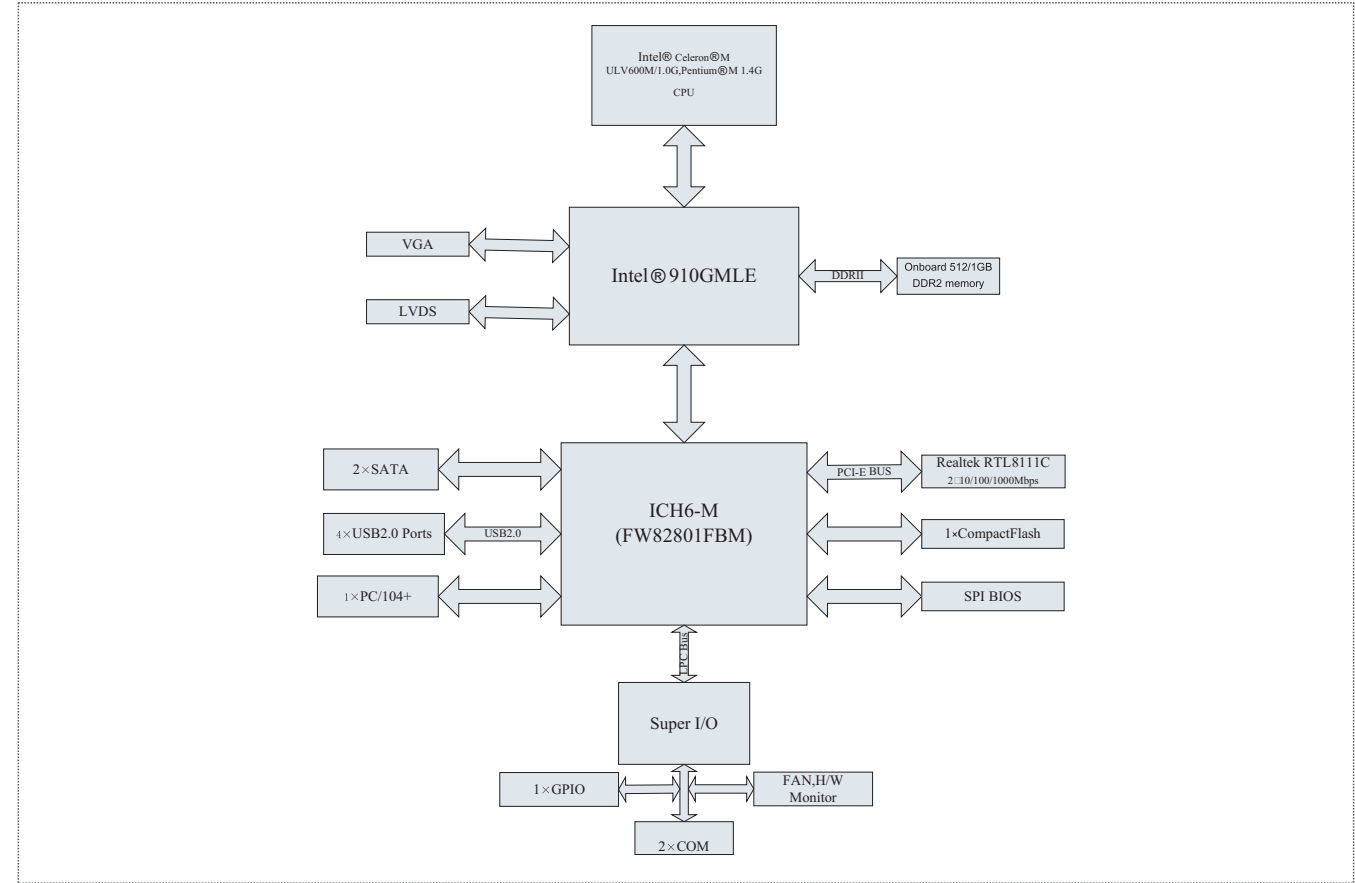
# 104-1715CLD2N-CM-1.0G



P4 Series SBC with CPU and Intel® 910GMLE/LVDS/VGA/2LAN



## Board Diagram



## Available Accessories

Part Number	Name	Description	Qty.
2404-000281	Antistatic gloves/RoHS	Large size	1
2360-024341	RJ45 cable/RoHS	2*7-pin (2.0mm pitch) female connector to RJ45 connector/UL20276/28AWG/14-wire L=300	2
2360-012651	DC power cord/RoHS	2*5-pin (female) to 4 pin (male) power connector(5.08mm pitch), L=250	1
2360-012641	VGA cable/RoHS	2x5-pin connector (2.0mm pitch) to 15P female right angle connector, L=300	1
2360-014781	USB cable/RoHS	2*5-pin 2.0 connector to USB connector with brackets, L=550/A1	2
2360-011231	COM cable/RoHS	DB9 connector to 2*5 pin (2.0 mm pitch) connector without brackets /L=300	2
2360-017961	SATA harddisk line/RoHS	SATA-7P(female) elbow connector/with springs/L=550	1
2360-024351	Converter cable /RoHS	2 x 2 pin (2.0mm pitch) female connector to buzzer reset button connector/UL2464/28AWG/L=300	1
2192-007751	Driver CD/Protective film/Chinese & English/RoHS	104-1715CLD2N/VER:A1	1
2413-012911	User Manual/Chinese & English/RoHS	104-1715CLD2N/VER:A1	1

## Ordering Information

Part Number	Model Number	Description
0030-012070	104-1715CLD2N-CM-600M	Intel® Celeron®M 600M/512M DDR2/VGA/LVDS/SATA/CF/LAN
0030-012060	104-1715CLD2N-CM-1.0G	Intel® Celeron®M 1.0G/512M DDR2/VGA/LVDS/SATA/CF/LAN
0030-012080	104-1715CLD2N-PM-1.4G	Intel® Pentium®M 1.4G/1G DDR2/VGA/LVDS/SATA/CF/LAN

## Features

- Supports Intel® Celeron®M 1.0G, optional 600M, Intel®Pentium®M 1.4G CPU
- Onboard 512MB DDRII memory, optional 1GB
- Supports 2 x 10/100/1000Mbps Ethernet interface
- Supports VGA+LVDS dual display
- Supports 4 x USB2.0, 2 x COM, 2 x SATA, 1 x CF 1 x PC/104+



## Specifications

System	
Processor	Supports Intel® Celeron® M 1.0G, optional 600M, PM 1.4G Intel® Pentium® M 1.4G CPU
Chipset	Intel® Pentium® M 1.4G CPU
Memory	Intel® 910GMLE+ICH6-M
Hardware Monitor	Onboard 512MB DDRII memory, optional 1GB
Watchdog Timer	Monitors system status, voltage, temperature and fan speed
Expansion Interface	1~255 sec./min. timer system reset or interrupt, setup by software
Storage	
IDE	N/A
Serial ATA	2 x Serial ATA 150MB/s interface
Floppy	N/A
CF	1 x CompactFlash Socket Type I/II
DOC/DOM	N/A
I/O Interface	
USB	4 x USB2.0 port
Serial Port	2 x RS-232/485
Parallel Port	N/A
IrDA	N/A
GPIO	8-channel digital I/O
Audio	N/A
Keyboard/Mouse	N/A

Display	
Chipset	Intel® 910GMLE integrated graphics controller
Memory	N/A
Resolution	VGA mode up to 2048 x 1536@75Hz
Dual Display	VGA+LVDS dual display
Ethernet	
Chipset	RTL8111C
Speed	10/100M/1000Mbps
Connector	2 x RJ45
Mechanical and Environmental	
Dimensions	115.57mm x 96.89mm
Operating Temperature	-35°C~85°C
Storage Temperature	-55°C~125°C
Operating Humidity	5%-90%, non-condensing
Power	
Power Supply	Supports AT power, single 5V power supply
Power consumption	+5V@4.16A (Celeron® M ULV600MHz, 1GB DDRII)
Operating System	
Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded