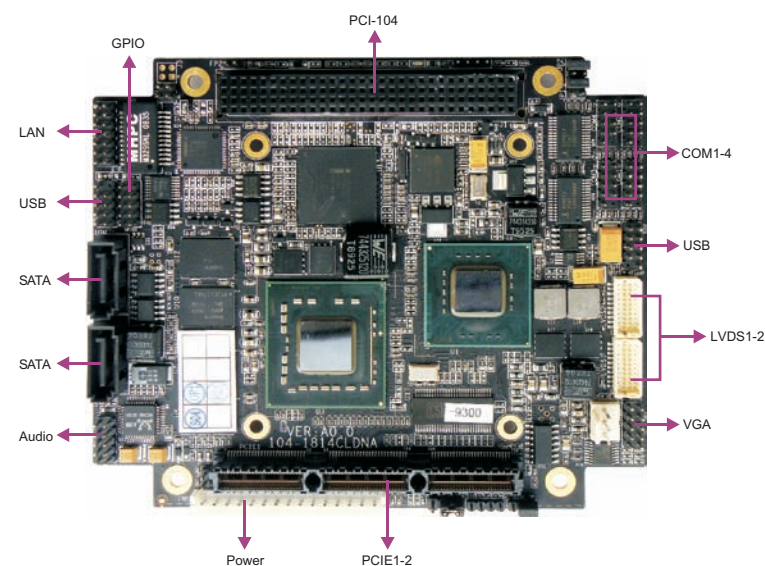


104-1814CLDNA-9300

Core 2 Duo grade PC/104 SBC with CPU/VGA/LVDS/2SATA/GbE



Features

- Onboard Intel Core 2 Duo SU9300 CPU (supports SU9300/SL9400/Celeron ULV 722)
- Onboard 1GB DDRII memory
- 1 x 10/100/1000Mbps Ethernet controller
- Dual-display of VGA+LVDS

Specifications

System	
Processor	Onboard Intel Core 2 Duo SU9300 CPU
Chipset	GS45 + ICH9M-SFFE
Memory	Onboard 1GB DDRII memory
Hardware Monitor	Monitors CPU temperature, working voltage and fan speed
Watchdog Timer	1~255sec./min. timer system reset/interrupt, setup by software
Expansion Interface	One PCI/104-Express Slot (Marked as PCIE1 and PCIE2) ; One PC/104-Plus Connector

Storage	
Serial ATA	2 x SATA

I/O Interface	
USB	4 x USB2.0
Serial Port	COM1 and COM2 support RS-232 mode; COM3 and COM4 support RS-422/RS-485 mode
GPIO	8-channel programmable GPIO connector
Audio	1 x AUDIO

Display	
Chipset	Intel® GS45 chipset integrated controller
Memory	The display memory can be assigned according to requirements
Resolution	VGA mode up to 2048 x 1536@75Hz
Dual Display	VGA+ LVDS

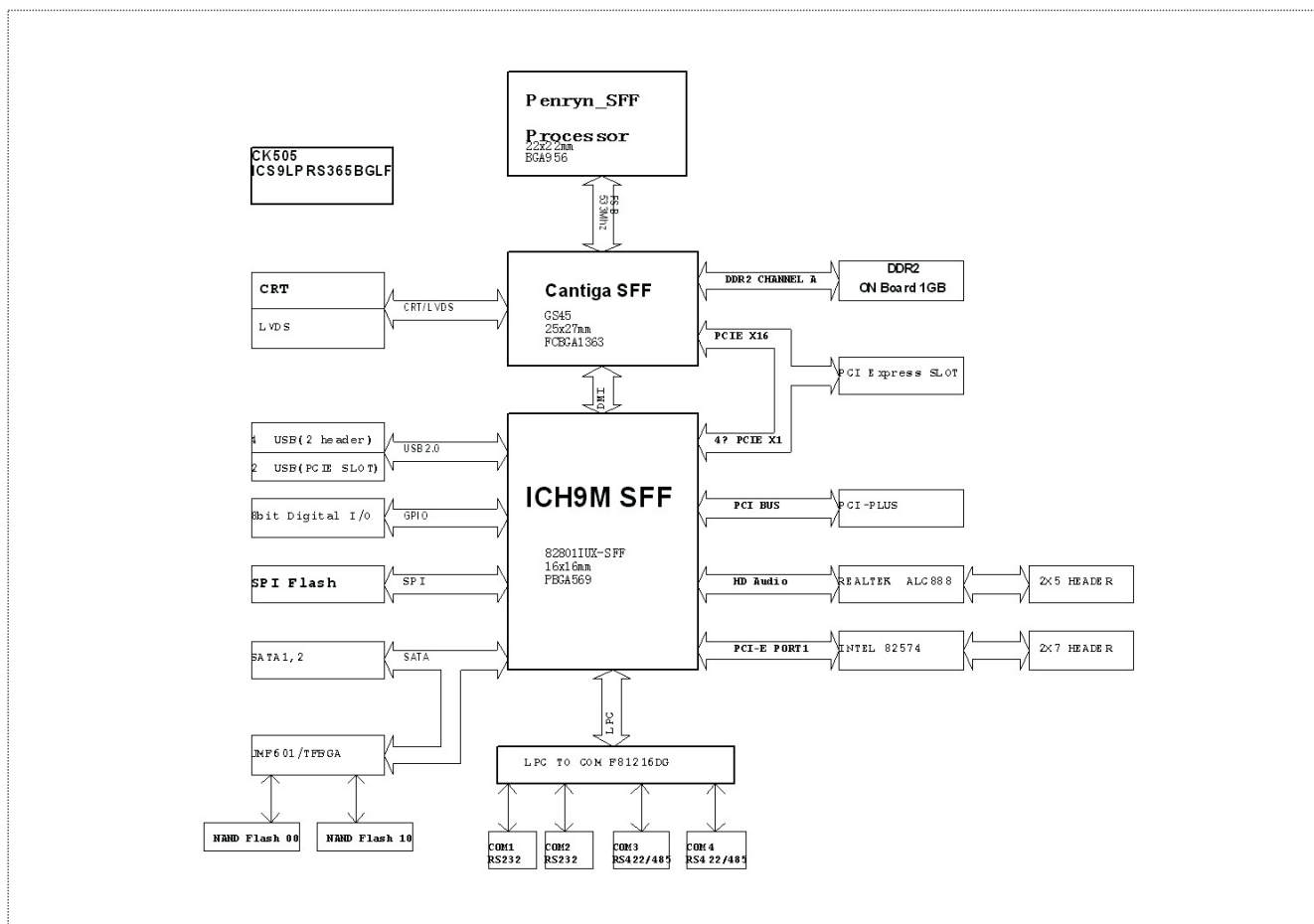
Ethernet	
Chipset	1 x Intel82574
Speed	1 x 10/100/1000Mbps
Connector	2 x 7 Pin network port connector

Mechanical and Environmental	
Dimensions	116 mm x 96mm
Operating Temperature	-40°C~85°C
Storage Temperature	-40°C~85°C
Operating Humidity	5%-90%, non-condensing

Power	
Power Supply	Provides ATX power and AT power options which share one 1 x 15 Pin socket
Power Consumption	11W

Operating System	
Windows OS	Windows 98/Windows 2000/ Windows XP
Embedded OS	Linux/XP Embedded/WinCE

Dimensions



Available Accessories

Part Number	Name	Description	Qty.
2192-011651	Driver DVD/Manual/protective film/English and Chinese/RoHS	104-1814CLDNA/VER:C00	1
2330-000011	Jumper/ RoHS	2.0 pitch	4
2360-002581	AV cable/RoHS	DuPont 2*5(female)(2.0) to 3AUDIO with bracket /L=300	1
2360-012641	VGA cable/RoHS	DuPont 2*5(female)(2.0) to type D right angle 15P(female)L=300	1
2360-014781	USB cable /RoHS	DuPont 2*5PIN2.0 to USB with bracket /L=550/A1	2
2360-017961	SATAHDD cable/RoHS	SATA-7P(female) elbow connector/with spring strip/L=550	2
2360-024341	RJ45 cable /RoHS	DuPont 2*7P(2.0) female connector to RJ45/UL20276/28AWG/14-pin L=300	1
2360-024351	Cable/RoHS	DuPont 2*2P(2.0) female connector to buzzer reset button /UL2464/28AWG/L=300	1
2360-027521	COM cable/RoHS	DB9 male to DuPont 2*5 female 2.0mm L=300mm	4
2360-030011	DC power cable /RoHS	Wafer2.5 Housing1*15P to big 4P/UL1007/L=200	1
2412-001991	Setup Guide/ English and Chinese /RoHS	104-1814CLDNA SERIES/VER:C00	1

Ordering Information

Part Number	Model Number	Description
0030-014831	104-1814CLDNA-9300	PCI/104-Express architecture motherboard/onboard Intel Duo SU9300 CPU/1GB DDRII memory/VGA+LVDS/2xSATA/1xGigabit network port/4xUSB/2xRS422/485, 2xRS232/onboard 2G SSD Flash /1xHD Audio