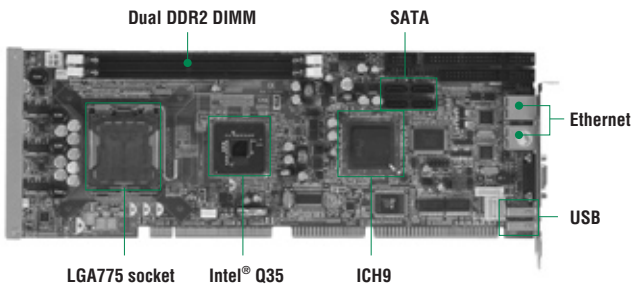
SBC81205

LGA775 Intel® Core™2 Quad PICMG 1.0 Full-size CPU Card with Intel® Q35+ICH9 Chipset, VGA and Dual LANs



LGA775
Intel® Q35
RS-232/422/485
6 USB 2.0
ISA
4 PCI
USB DoM

Features

- LGA775 for Intel® Core™2 Quad/ Core™2 Duo/Celeron® processor with 800/1066/ 1333 MHz
- Intel® Q35+ICH9 chipset
- 2 DDR2 DIMM support up to 4 GB memory
- With Intel 3100 high performance integrated graphic controller
- ISA with up to 500mA high drive supported

System

CPU	LGA775 socket for Intel® Core™2 Quad/ Core™2 Duo/Celeron® processor with 800/1066/1333 MHz
System Memory	2 x 240-pin DDR2-667/800 DIMM max. up to 4 GB
Chipset	Intel® Q35+ICH9
BIOS	Phoenix-Award BIOS
SSD	N/A
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	* PCI with 4 bus masters * ISA with 16-bit bus and up to 500mA high drive
Battery	Lithium 3V/196mAH
Size	338 x 122mm
Temperature	0˚C ~ 60˚C (32˚F ~ 140˚F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x FDD 1 x PS/2 keyboard 1 x PS/2 mouse 1 x LPT; with SPP/EPP/ECP supported 1 x RS-232 (COM 1) 1 x RS-232/422/485 (COM2)
SATA	4 x SATA-300
Hardware Monitoring	Support CPU/System temperature, CPU/System voltage, and CPU/System fan features
Ethernet	2 ports as 10/100/1000Mbps support Wake-on-LAN, PXE Boot ROM with Realtek RTL8111B
Audio	AC'97/HD audio interface for external kit
USB	6 x USB 2.0; 2 ports on the rear I/O, 4 ports with pin-headers
SMBus	AC'97/HD audio interface for external kit

* W.T.: Wide Temperature

Display

Chipset	Intel® Q35 GMCH 3100 integrated graphic engine; support Microsoft DirectX 9
Memory Size	Dedicated frame buffer up to 256MB and DVMT up to 256MB
Resolution	VGA up to 2048 x 1536 @ 75Hz with 32-bit color
Output Interface	VGA with D-sub 15-pin connector

Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	SBC81205VGG
		Qty
59380502000E	COM + Print cable w/ bracket	1
59381400000E	FDD flat cable	1
593826A0000E	SATA signal cable 500mm	1

Ordering Information

Standard	
SBC81205VGG (P/N: E381205100)	LGA775 socket PICMG 1.0 full-size CPU card with VGA, 2 10/100/1000Mbps and 6 USB
SBC81205VG (P/N: E381205101)	LGA775 socket PICMG 1.0 full-size CPU card with VGA, 10/100/1000Mbps and 6 USB
Optional	
E9C900B001	LGA775 P4 cooler 3-pin H:66.8mm (RC)
593826A0000E	SATA signal cable 500mm
593836A0030E	4-pin power cable to SATA x 2 L=150mm
5938A808010E	2 x USB port cable L=190mm
59380000290E	PS/2 keyboard & mouse cable with bracket

* All specifications and photos are subject to change without notice.