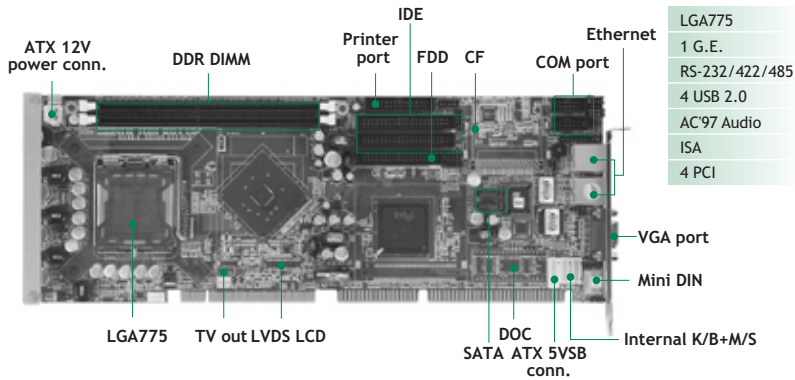


SBC81200

LGA775 Intel® Pentium® D PICMG 1.0 Full-size CPU Card with Intel® 865G+ICH5 Chipset, VGA, Dual LANs and Audio

4

Single Board Computers



System

CPU	LGA775 socket for Intel® Pentium® D/Pentium® 4/Celeron® D processor with 533/800 MHz
System Memory	2 x 184-in DDR-266/333/400 DIMM max. up to 4 GB (the actual max. capacity will be less depending on system configuration)
Chipset	Intel® 865G+ICH5
BIOS	Phoenix-Award BIOS
SSD	1 x CompactFlash™ type-II socket (optional)
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	* PCI with 4 bus masters * ISA with 16-bit bus
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	2 x IDE; PATA-100 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 (COM 2)
SATA	2 x SATA-150
Hardware Monitoring	Support CPU/System temperature, CPU/System voltage, and CPU/System fan features
Ethernet	* 1st port as 10/100/1000Mbps supports Wake-on-LAN with Intel® 82547GI * 2nd port as 10/100Mbps supports Wake-on-LAN with Intel® 82562GT
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out with Realtek ALC203
USB	4 x USB 2.0
SMBus	N/A

Features

- LGA775 for Intel® Pentium® D/Pentium® 4/Celeron® D processor with 533/800 MHz
- Intel® 865G+ICH5 chipset
- 2 DDR DIMM support up to 4 GB memory
- Dual 10/100/1000Mbps Ethernet, Audio
- 16-bit ISA bus

Display

Chipset	Intel® 865G GMCH integrated graphics engine
Memory Size	Dedicated frame buffer up to 64MB
Resolution	VGA up to 2048 x 1536 @ 75 Hz 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	SBC81200VGEA Qty	SBC81200VGA Qty	SBC81200VEA Qty
59380502000E	COM + Print cable w/ bracket	1	1	1
59381400000E	FDD flat cable	1	1	1
59381560000E	Mini DIN Y-cable for PS/2 K/B+M/S	1	1	1
59382601000E	Ultra DMA66 IDE cable 40-pin 455mm	1	1	1
59383600000E	Audio cable with Bracket	1	1	1
593826A0000E	SATA signal cable 500mm	2	2	2
593836A0030E	SATA power cable 150mm	1	1	1

Ordering Information

Standard	
SBC81200VGA	LGA775 socket PICMG 1.0 full-size CPU card (P/N: E381200101) with VGA, 10/100/1000Mbps and audio
SBC81200VEA	LGA775 socket PICMG 1.0 full-size CPU card (P/N:E381200102) with VGA, 10/100Mbps and audio
Optional	
SBC81200VGEA	LGA775 socket PICMG 1.0 full-size CPU card (P/N: E381200100) with VGA, 10/100Mbps & 10/100/1000Mbps, audio and gift box
E9C900B001	LGA775 P4 cooler 3-pin H: 66.8mm

SBC Services and Solutions

System-on-a-Module Solutions

Embedded SBCs > 5.25" Petit

Embedded SBCs > EPIC

Embedded SBCs > 3.5" Capa

Embedded SBCs > Pico-ITX

Embedded SBCs > PC/104

Industrial Motherboards

Slot CPU Cards

Accessories

Appendix