

# SBC

## IPC-MP601R

New Intel® Q965 ATX  
Motherboard Supports  
Intel® Core 2 Duo  
Processors for Best in  
Class Performance

**Features :**

- Support Intel® Core 2 Duo, Intel Celeron® D, Intel® Pentium® D and Intel® Pentium® 4 processors
- Equipped with Intel Q965 Chipset with FSB 1066MHz
- Memory Supports DDR 800 SDRAM up to 8GB
- Expansion Slots for PCI-E x16, PCI & ISA
- Applications such as gaming, medical, multimedia systems, digital image storage servers and more

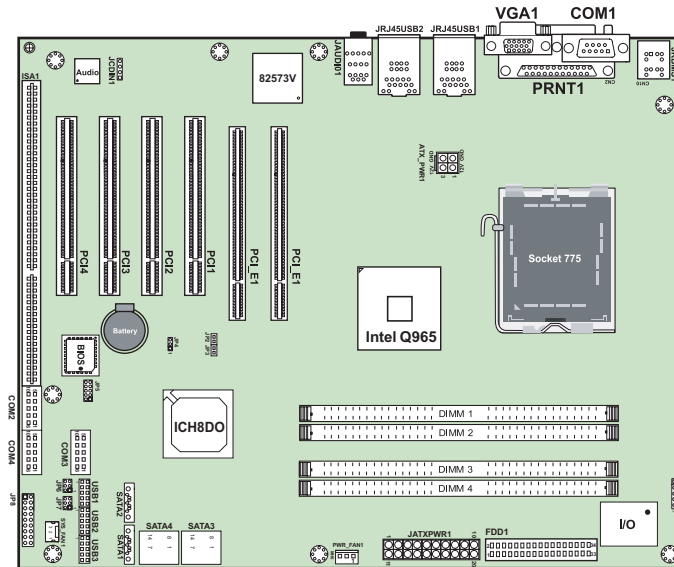


ISO CERTIFIED  
9001 14001



# IPC-MP601R

New Intel® Q965 ATX Motherboard Supports Intel® Core 2 Duo Processors for Best in Class Performance



## Specifications

### System

<b>CPU Type</b>	Intel® Celeron® D, Pentium® 4, Pentium® D, Core 2 Duo processor
<b>Chipset</b>	Intel® Q965 + ICH8DO + FWH
<b>DRAM</b>	4 x 240-pin DDR2 DIMM, support DDR2 800 SDRAM up to 4GB
<b>BIOS</b>	PhoenixAward PnP BIOS Memory size 8 Mbytes
<b>Watchdog</b>	Built-in from Super I/O
<b>Power Supply</b>	Support ATX Power
<b>Power Requirement</b>	+5V, +12V, +3.3V, -12V, +5VSB
<b>Power Consumption</b>	+5V : 3.2A / +12V : 10.45A / +3.3V : 5.32A / -12V : 0.06A / +5VSB : 0.52A (Pentium® 4 3.4GHz)
<b>Dimension</b>	305mm x 244mm (12" x 9.61")

### I/O Ports

<b>SATA Port</b>	Six ports S-ATA connector
<b>FDD Interface</b>	One FDD connector with 34-pin Boxheader on board
<b>Function BUS</b>	1 x PCI-E 16X ; 1 x PCI-E 4X ; 4 x PCI ; 1 x ISA
<b>Serial Port</b>	COM1/3/4 for RS-232, COM2 for R232/422/485 (COM 3/4 can output +5V or +12V, and use Jumper settings)
<b>Parallel Port</b>	1 x parallel (SPP / EPPP / ECP)
<b>IrDA</b>	1 (SIR)
<b>Keyboard</b>	Mini DIN connector
<b>Mouse</b>	Mini DIN connector

<b>LAN</b>	Lan 1 : Intel® 82573V (10/100/1000Mbps) Lan 2 : Intel® 82573V (10/100/1000Mbps) Supports Wake-on-LAN
<b>Audio</b>	HD Codec, Realtek ALC262, with Mic / Line-out / Line-in
<b>USB</b>	10 ports, support USB 2.0

### Display

<b>Graphic</b>	Built-in Intel® Q965, share system memory, Support CRT, PCI-E 16X (SDVO)
----------------	---

### Environment

<b>Operation Temp.</b>	0°~60°C(32°~140°F)
<b>Storage Temp.</b>	-40°~85°C(-40°~185°F)
<b>Humidity</b>	Operation humidity 20~90%, Storage humidity 20~95%

**Certificate: CE, FCC CLASS A**