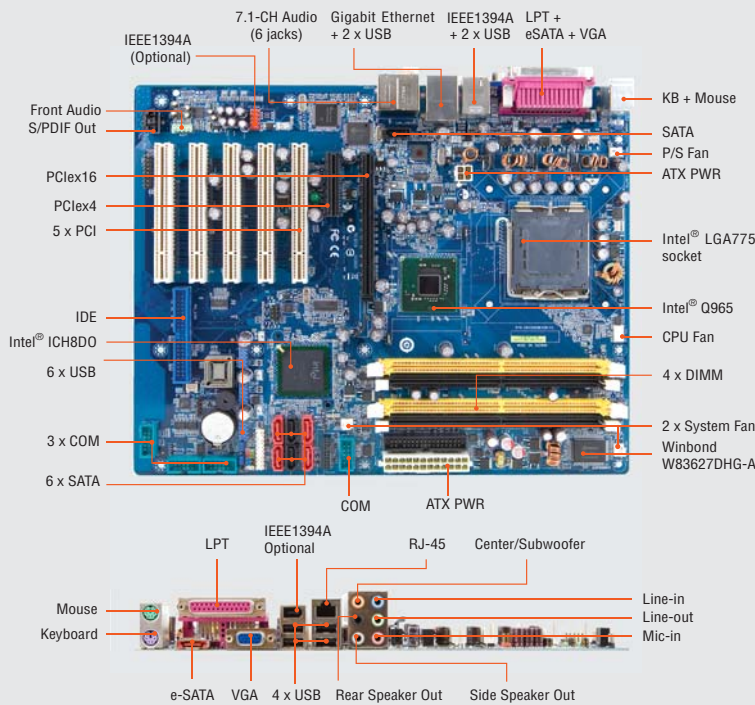




# EAX-965Q

Intel® Core™ 2 Quad/ Core™ 2 Duo/ Core™ Duo/  
Pentium® 4/ Celeron® D ATX Motherboard with  
Intel® Q965 + ICH8DO Chipset



## Features

- Supports 65nm/ 45nm Intel® Core™ 2 Quad/ Core™ 2 Duo/ Core™ Duo CPU
- Intel® Q965/ ICH8DO Chipset
- Four DIMMs Up to 8 GB 2-CH DDR2 800/ 667/ 533 SDRAM
- Intel® Graphics Media Accelerator 3000
- AD1988 7.1-CH High Definition Audio
- Intel® 82566DM PCIe Gigabit Ethernet
- 1 PClex16, 1 PClex4, 5 PCI 2.2
- 4 COM, 10 USB, 7 SATA II, 1 e-SATA, Optional IIEEE1394A
- iAMT 2.0
- 7 x SATA II with Intel® Matrix Storage Manager Support
- PClex16 Supports ADD2 VGA/ DVI-D/ HDMI Card

Intel Q965	Intel GMA 3000	7.1-CH Audio	GbE	4 COM
PClex16	10 USB	7 SATA II	RAID	eSATA
iAMT 2.0				

## Specifications

### System

• CPU	Intel® µFC-LGA 775 Socket Supports Core™ 2 Quad/ Core™ 2 Duo/ Core™ Duo/ Pentium® 4/ Celeron® D with 65nm/ 45nm Process Technology
• FSB	1066/ 800/ 533MHz
• BIOS	Award 2MB SPI BIOS
• System Chipset	Intel® 82Q965/ 82801HO (ICH8DO)
• I/O Chip	Winbond W83627DHG-A
• System Memory	Four 240-pin DIMM Sockets Support Up to 8GB Dual Channel DDR2 800/ 667/ 533 SDRAM
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring Temperatures, Voltages and Fan Status with Auto Throttling Control
• Expansion	1 PClex16, 1 PClex4, 5 PCI 2.2
• RAID	7 SATA II with RAID 0, 1, 5 and 10
• S3	Yes
• SmartFan	Yes

### I/O

• MIO	1 x EIDE (UltraDMA 133), 7 x SATA II, 1 x FDD, 1 x LPT, 4 x RS-232, 1 x K/B, 1 x Mouse
• USB	10 x USB 2.0
• Other	1 x e-SATA, Optional IIEEE 1394A

### Audio

• Chipset	Intel® ICH8DO
• Audio Codec	ADI AD1988 7.1-CH High Definition Audio Codec
• Audio Interface	Mic-in, Line-in, CD Audio-in, Line-out, S/PDIF

### Display

• Chipset	Intel® Q965 GMCH Integrated Graphics Media Accelerator 3000
• Display Memory	Intel® DVMT 4.0 Supports Up to 256MB Shared Video Memory
• Max. Resolution	2048 x 1536 @ 32bpp (75Hz)
• External VGA	PClex16 VGA Interface
• VGA	Yes, Onboard GMA 3000
• DVI-D	Through ADD2 DVI Card
• HDMI	Through ADD2 HDMI Card
• Secondary VGA	Through ADD2 VGA Card

### Ethernet

• LAN	Intel® 82566DM Gigabit Ethernet
-------	---------------------------------

### Mechanical & Environmental

• Power Type	ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	12" x 9.6" (304.8mm x 243.84mm)
• Weight	1.32lbs (0.6Kg)

## Ordering Information

### • EAX-965Q-A1R

Intel® Core™ 2 Quad/ Core™ 2 Duo/ Core™ Duo/ Pentium® 4/ Celeron® D ATX Motherboard with Intel® Q965 + ICH8DO Chipset and VGA, Audio, GbE, 10 USB, 1 PClex16, 1 PClex4 & 5 PCI w/ SATA Cable, IDE Cable, Bracket, CD Driver