



Features

- Intel® Core™ 2 Duo Processor, FSB 533/800/1066 MHz
- Intel® Q965
- DDR2 533/667/800 Memory (Up To 8 GB)
- 10/100Base-TX & Gigabit Ethernet x 2 (Optional)
- Integrated Intel® Enhanced Graphics Core, VGA Support
- CompactFlash™ Type 2 x 1, SATA 3.0Gb/s x 4 (RAID Optional)
- USB2.0 x 8, COM x 2, Parallel x 1, IrDA x 1
- PCI-Express [x16] x 1, PCI-Express [x4] x 1, PCI x 3



Specifications

System	
Form Factor	ATX Motherboard
Processor	Intel® Core™ 2 Duo Processor, Pentium® 4 Processor, FSB: 533/800/1066 MHz
System Memory	240-pin 1.8V DDR2 DIMM Socket x 4, up to 8 GB DDR2 533/667/800 MHz Dual-channel Support
Chipset	Intel® Q965 + ICH8R
Ethernet	10/100Base-TX & 10/100/1000Base-TX, RJ-45 x 2 (optional) LAN1: Intel® 82566/ 82562 LAN2: Intel® 82573L
BIOS	Award Plug & Play SPI BIOS – 16 Mb ROM
H/W Status Monitoring	CPU Fan Speed, temperature, Power Supply Voltage
Expansion Interface	PCI-E [x16] x 1, PCI-E [x4] x 1, 32 bit/ 33 MHz PCI x 3
Watchdog Timer	1 ~ 255 steps, can be set with software on Super I/O
RTC	Internal RTC
Battery	Lithium battery
Power Requirement	ATX Standard 24-pin connector x 1
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Board Size (L x W)	12" x 9.6" (304.8mm x 243.8mm)
Gross Weight	0.66 lb (0.3 Kg)
MTBF (Hours)	55,000
Display	
VGA Controller	Enhanced Intel® Q965 Integrated Graphics 3000
Memory	Shared memory 224 MB
Resolutions	2048 x 1536 for CRT
I/O	
Storage	SATA 3.0Gb/s x 4 (RAID optional) / IDE x 1 (SATA to IDE) CompactFlash™ Type 2 Connector (SATA to CompactFlash™) x 1 Standard FDD x 1, supports up to two floppy devices
Serial Port	COM x 2: (Internal Pin Header x 1, External D-sub x 1) COM 1: RS-232; COM 2: RS-232/422/485
Parallel Port	Supports SPP/ EPP/ ECP modes
Universal Serial Bus	USB2.0 x 8, 5 x 2 pin-header for internal x 4 TYPE-A connector onboard x 4
PS/2 Port	Keyboard x 1; Mouse x 1
Digital I/O	4 in and 4 out
Audio (Daughter Board)	Audio pin header (PER-U01H audio board optional, A1.1 only)
IrDA	IrDA Tx/Rx header x 1

Packing List

- 1701340704
Floppy Cable
- 1701400453
IDE Cable
- 1709100204
USB Cable
- 1701100405
COM Port Cable
- 1709070800
SATA Cable
- M209100000
I/O Shield
- Product CD
- IMBA-910

