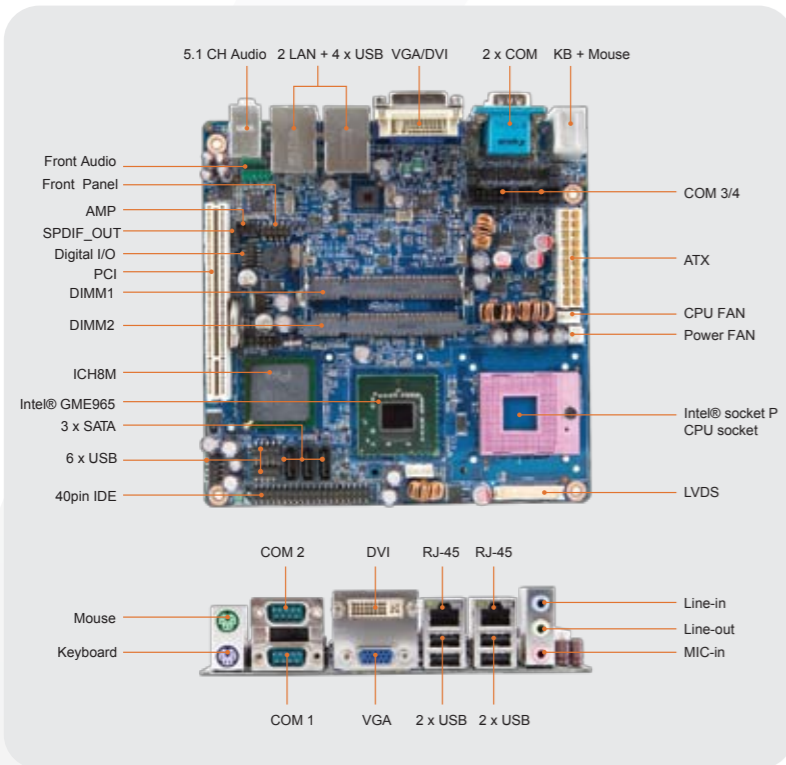


IX965GME

Intel® GME965 socket P Core™ 2 Duo / Core™ Duo
Core™ 2 Solo /Core™ Solo mobile CPU Mini ITX Main Board

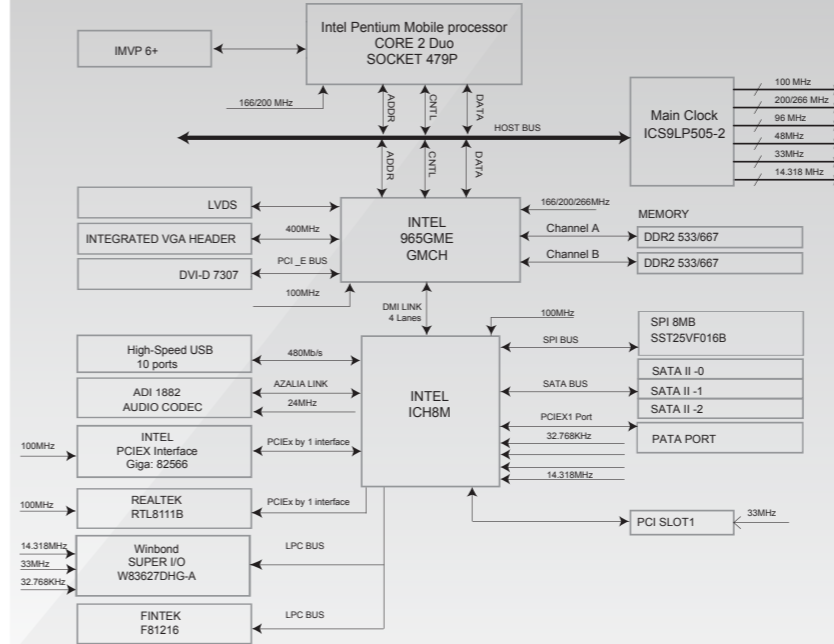


Features

- Supports Intel socket P Core 2 Duo Core Duo / Core 2 Solo / Core Solo mobile CPU with 65nm process technology
- Intel GME965 Chipset
- Two 200-pin SODIMMs sockets up to 4GB Dual Channel DDR2 533/667 SDRAM
- Intel Graphics Media Accelerator X3100
- DVI, Dual 18/24-bit LVDS
- Realtek ALC888 5.1+2 CH Audio (5W x 2-CH Amplified) with Dual Independent Audio Streams
- Dual Gigabit Lan Realtek RTL8111B
- 1 PCI
- 4 COM,10 USB 2.0, 3 SATA
- TPM INFINEON SLB9635TT Module Onboard



Block Diagram



Ordering information

IX965GME

Intel® Core Duo / Core Solo / Core 2 Duo Mini ITX Motherboard with DVI/VGA, 2-CH LVDS, Audio, Giga LAN, 4 COM, 10 USB 2.0, 1 PCI

Packing List of IX965GME

80I-965GM0-10000B2	
IX965GME Mini-ITX Motherboard	x1
14GS0000057V04	
COM cable	x2
14GS0000069V04	
40pin IDE cable	x1
14G000100915	
SATA cable kit(SATA/POWER)	x3
13GS0700045A11 (Optional)	
High Performance Socket-478 CPU Cooler(60x60)	x1
14GS0300020V04 (Optional)	
2.54mm 9P USB cable with bracket	x1
14GS0300021V04 (Optional)	
2.54mm 9P USB cable without bracket	x1

Specifications

System	
CPU	Supports Intel socket P Core 2 Duo / Core Duo Core 2 Solo / Core Solo mobile CPU with 65nm process technology
FSB	533/800 MHz
BIOS	AMI 16 Mb SPI BIOS
System Chipset	Intel GME965/ICH8M
I/O Chip	Winbond W83627DHG-A
System Memory	Two 200-pin SODIMM sockets support up to 4 GB Dual Channel DDR2 533/667 SDRAM
SSD	One CompactFlash Type I/II socket
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring CPU temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
Expansion	One PCI slot (PCI Rev. 2.2 compliant) supports 3 PCI master
S3	S3 Support
SmartFan Control	Yes
I/O	
MIO	1x EIDE, 3 x SATA, 10 x USB, 4 x RS232, 1 x K/B, 1 x Mouse, (COM1~4 with Power output)
USB	10 x USB 2.0
DIO	8-bit General Purpose I/O for DI and DO

Display	
Chipset	Intel Graphics Media Accelerator X3100
Display Memory	Intel DVMT 4.0 supports 384 MB video memory
Resolution	2048 x 1536 @ 32 bpp(@ 60Hz)
Dual Display	CRT + LVDS, or CRT + DVI-D, LVDS+DVI-D
LVDS	Dual-channel 24-bit LVDS
DVI	Chrontel CH7307C DVI transmitter up to 165M pixels/second
Audio	
Audio Codec	Realtek ALC888 Audio Code / 5.1+2 ch. with two independent audio stream
Audio Interface	Mic in, Line in, Line out
Audio Amplifier	TPA3005D2 Stereo 5Watt per channel
Ethernet	
LAN 1	Realtek RTL8111B PCI-E Gigabit Ethernet Controller
LAN 2	Realtek RTL8111B PCI-E Gigabit Ethernet Controller

Back Panel I/O Port	
	1 x PS/2 Keyboard / 1 x PS/2 Mouse / 2 x RS-232
	1 x VGA port / 1 x DVI port / 4 x USB 2.0/1.1
	1 x LAN RJ45 Port (one existed, another option)
	5.1 + 2 CH Audio I/O (3 jacks)
Internal I/O Connector	
	* 3 x USB connectors support additional 6 USB ports
	* 1 x 20-pin ATX Power connector
	* 1 x IDE 40-pin connector for two devices
	* 2 x COM port header
	* 3 x SATA connectors
	* 1 x Front panel audio connector
	* 1 x Audio amplifier connector

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)	6.69" x 6.69" (170 mm x 170 mm)
Weight	0.88 lbs (0.4 Kg)