

MB-Core 2 Duo Series CPU

Mini-ITX Mainboard



Features

- Support Intel® socket P mobile CPU Core™ 2 Duo/ Core™ 2 Solo with 65nm process technology
- Intel® 965GME + ICH8-M Chipset
- Intel® integrated Graphic Media Accelerator X3100
- 2 x 200 pin SO-DIMM up to 4GB DDR2 533/667 SDRAM
- 1 x VGA, 1 x DVI, 1 x CF, 1 x PCI
- 4 x COM, 10 x USB 2.0, 3 x SATA, 1 x EIDE, 2 x GbE_LAN

Specification

System		I/O	
CPU	Support Intel® socket P Core™ 2 Duo/ Duo/Core™ 2 Solo/Core™ Solo mobile CPU with 65nm process technology	Rear I/O port	1 x PS/2 keyboard 1 x PS/2 Mouse
FSB	533/800 MHz		4 x USB 2.0/1.1
BIOS	AMI 16 MB SPI BIOS		2 x RS-232 (with 5V/12V output)
System Chipset	Intel® GME965 / ICH8M		1 x VGA port
I/O Chip	Winbond W83627DHG-A		1 x DVI port
System Memory	Two 200-pin SODIMM sockets support up to 4GB Dual Channel DDR2 533/667 SDRAM		1 x RJ45 port (one existed, another in option)
SSD	One CompactFlash Type I/II socket		Audio I/O (3 Jacks)
Watchdog Timer	Reset: 1 sec. ~255 min. and 1 sec. or 1 min./step	Internal Connector	3 x USB connectors support 6 USB ports
H/W Status Monitor	Monitoring CPU temperature, voltage, and cooling fan status, Auto throttling control when CPU overheats		1 x 20-pin ATX Power connector
Expansion	One PCI slot		2 x COM port header (with 5V/12V output)
TPM	Infineon SLB 9635 TCG 1.2 complaint trusted platform module (TPM)		3 x SATA connectors
S3	S3 Support		1 x Front panel audio connector
SmartFan Control	Yes		1 x Audio amplifier connector
DIO	8-bit General Purpose I/O for DI and DO		1 x System panel connector
Display			1 x LVDS connector
Chipset	Intel® GME965 Integrate Graphics Media Accelerator 950 X3100		1 x Inverter Power connector
Display Memory	Intel® DVMT 4.0 supports 384 MB video memory		1 x CPU Fan connector
Resolution	2048 x 1536 @ 32 @bpp (@60Hz)	1 x Digital IO header	
Dual Display	CRT + LVDS or CRT + DVI-D	1 x SPDIF out connector reserved	
LVDS	Dual-channel 24-bit LVDS	Audio	
DVI	Chrontel CH7307C DVI transmitter up to 165M pixels/ second	Audio Code	Realtek AL C888 high-definition Audio Codec support 5.1+2-CH two independent Audio streams
Ethernet		Audio Interface	Mic in, Line in (CD Audio in), Line Out
LAN 1	Realtek RTL8111B PCI-E Gigabit Ethernet Controller	Audio Amplifier	TPA3005D2 6W (per front channel stereo amplifier)
LAN2 (optional)			

* All specifications and photos are subject to change without notice.

