



MX965GME

Intel® Mobile Core™ 2 Duo Socket P Mini ITX Motherboard



Features

- Intel® Mobile Core™ 2 Duo, Celeron® 5xx Socket P 533/800 MHz FSB
- Intel® GME965+ Intel® ICH8M Chipset
- 2 DIMMs up to 4 GB DDR2 533/667MHz System Memory
- Intel® GMA X3100 GFX Engine; DVM T 4.0 up to 256MB memory Dual CH 18/24-bit LVDS, DVI
- Dual Gbit Ethernet (Intel® 82537L+ Intel® 82566DC)
- Realtek® ALC888 8 CH HD Audio, SPDIF
- 1 PCIe x4 (Optional), 1 PCI, 1 Mini PCIe, CF
- 2 SATA, 8 USB, 2 COM
- Support TPM 1.2 (Infineon SLB 9635)
- HDMI Output

965GME

Dual GigaLAN

Mini PCI

SPDIF

2 SATA

8 USB

Specifications

System

• CPU	Intel® Mobile Core™ 2 Duo, Celeron® M 5xx Socket P
• FSB	533/800 MHz
• BIOS	AMI 16 MB SPI ROM
• System Chipset	Intel® GME965 + Intel® ICH8M Chipsets
• System Memory	Two 240-pin DIMM sockets support up to 4 GB DDR2 533/667 MHz
• Expansion	1 PCI, 1 PCIe4 (optional), 1 Mini PCIe, 1 CF

I/O

• MIO	1 x K/B, 1 x Mouse, 1 x IDE (Ultra DMA 66/100), 1 x LPT
• USB	4x USB 2.0 ports (I/O) and 2 USB 2.0 Pin Headers for 4 USB Ports
• SATA	2 x SATA
• COM Port	1 x RS232 for COM1 (Back IO), 1 x RS232 Pin Header for COM2
• HDMI	1 x HDMI connector
• DVI	1 x DVI connector

Display

• Chipset	Intel® GMA X3100 GFX Engine; DVM T 4.0 up to 256MB memory
• Video Engine	Direct X 9, Clear Video, built-in MPEG 2/WMV 9 HW acceleration
• Hi-Def Video Support	Onboard HDMI port enable user to enjoy HDTV at 1080i
• Video Output	Onboard Dual Channel 18/24 bit LVDS and analog CRT ports

Audio

• AC97 Codec	Realtek® ALC888 8 Channels HD Audio
• Audio Interface	Line-out, Line-in, Mic-in, Center-out, Subwoofer-out, Rear Speaker-out and CD Audio-in, SPDIF

Ethernet

• LAN 1	Intel® 82537L (1000Base-T Fast Ethernet)
• LAN 2	Intel® 82566DC (1000Base-T Fast Ethernet)

Mechanical & Environmental

• Power & Connector	1 x Std. 20 pin ATX Connector
• Form Factor	Mini ITX
• Size (L x W)	6.7" (L) x 6.7" (W)



Ordering Information

- **MX965GME**
Intel® GME965 chipset Socket P, DVI, HDTV, SPDIF, 2 Gbit LAN, 1 PCI, 2 SATA, 1 PCIe x4, 1 Mini PCIe, CF, 2 COM, 8 USB

Main Board