

MB-i9650

Intel® Socket P Core™ 2 Duo Embedded Micro-ATX Motherboard



Features

- Intel® Socket P Mobile Processors
- Support Up to 4GB DDR2 DIMM Modules
- Dual Display (Analog RGB, LCD, DVI)
- Dual Gigabit Ethernet
- Multi-expansion (3 x SATA, 2 x eSATA Ports, 6 x Serial Ports, 8 x USB 2.0 Ports, 16-bit DIO, 1 x PCIe x1, 1 x PCIe x16, 2 x PCI, 1 x Mini PCI Socket)
- Support TPM 1.2
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	Intel® Socket P Core™ 2 Duo Mobile processor up to 800MHz FSB Intel® Celeron® M CPU with 533/667MHz FSB
Memory	2 x 240-pin DDR2 DIMM Sockets up to 4GB at 533/667/800MHz
Chipset	Intel® GME965 + ICH8M
BIOS	AMI Flash BIOS
Storage	1 x Ultra ATA 100 port (slave for CF Socket and Flash Disk) 3 x Serial ATA 2 x eSATA
TPM 1.2 Support Watchdog Timer	Infineon SLB9635TT via LPC 1~255 levels reset
I/O	
Serial Port	5 x RS-232 ports; 1 x RS-232/422/485 port
Parallel Port	SPP/EPP/ECP mode
Floppy	1 x Floppy disk port
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	8 x USB 2.0 ports
KB/MS	2 x PS/2 interfaces for Keyboard and Mouse
Digital I/O	16-bit programmable Digital Input/Output
Expansion Bus	1 x Mini PCI socket 1 x PCIe x16 slot (for graphics only) 1 x PCIe x1 slot 2 x PCI slot

Ethernet

Chipset 2 x Intel® 82573V PCIe Gigabit Ethernet controllers

Audio

CODEC/Interface Realtek ALC888 HD Audio Codec, Mic-in/Line-in/Line-out/CEN (LFE)/Surr-out/SIDE-out

Display

Graphics Chipset Integrated with Intel® Graphics Media Accelerator X3100 (GMA X3100)

Graphics Interface Analog RGB support up to 2048 x 1536 (QXGA)
LCD support Dual Channels 24-bit LVDS up to 1600 x 1200
TV-out support NTSC/PAL up to 1028 x 768

Recommended CPU list: Core™ 2 Duo: T9300/T9500/T7300/T7500
Celeron® M: 530/550/575

Mechanical & Environmental

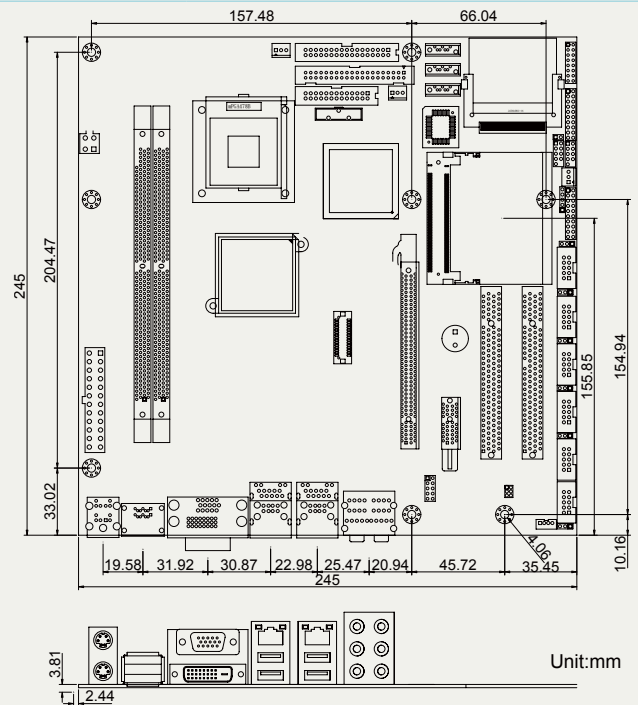
Power Requirement 20-pin + 4-pin ATX connector

Operating Temp. -20 ~ 70°C (-4 ~ 158°F)

Operating Humidity 0 ~ 90% (non-condensing)

Dimensions (L x W) 245 x 245 mm (9.6" x 9.6")

Dimensions



Ordering Information

MB-i9650VL2G	Intel® Socket P Core™ 2 Duo embedded Micro-ATX motherboard
CBK-06-9650-00	Cable kit 3 x COM Flat cables 2 x USB cables 1 x FDD cable 1 x IDE Flat cable 1 x Printer Flat cable 3 x Serial ATA cables