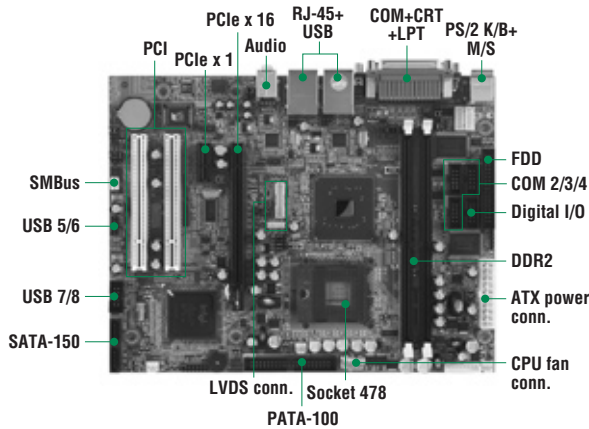


IMBI10

Socket 478 Intel® Pentium® M Micro ATX Industrial Motherboard

3

Single Board Computers



System

CPU	Socket 478 for Intel® Pentium® M/Celeron® M processor with FSB 400/533 MHz
System Memory	2 x 240-pin DDR2 400/533 DIMM max. up to 2GB
Chipset	Intel® 915GME+ICH6M
BIOS	Phoenix-Award BIOS
SSD	N/A
Watchdog Timer	Reset supported, 1-255 levels
Expansion Interface	One PCIe x16 slot One PCIe x1 slot 2 PCI slot
Size	244 x 188mm
Temperature	Operating temperature: 0° to 60°C (differentiated by CPU)
Operation Humidity	10%~95% relative humidity, non-condensing

I/O

MIO	1 x FDD, 1 x K/B+M/S, 3 x RS-232, 1 x RS-232/422/485, 1 x LPT, 1 x IDE
Digital I/O	4 channel IN and 4 channel OUT
Dual Ethernet	Realtek RTL8111B, 10/100/1000 Base-T
Audio	Line-out, MIC-in
USB	8 USB 2.0 ports
SATA	Two SATA-150 ports

Display

Chipset	Integrated in Intel® 915GME GMCH
Memory Size	Max. up to 128MB frame buffer sharing system memory
Resolution	Up to 2048 x 1536
LCD Interface	2 x 20-Pin JST connector

Features



- ▶ Socket 478 Intel® Pentium® M/Celeron® M mobile processor with FSB 400/533 MHz
- ▶ Intel® 915GME+ICH6M chipset
- ▶ Two DDR2 DIMM slots support 2GB memory capacity
- ▶ Two Serial ATA ports support data transfer rate up to 150MB/sec
- ▶ PCIe x1, 2 PCI and 1 PCIe x16 slots



Side view

Packing List

Standard		
Quick manual, utility CD, jumper pack x 1, I/O shield x 1		
Cable		
Part Number	Description	IMB110VGGA Qty
59380402010E	COM port cable w/ bracket	1
593826A0000E	SATA signal cable 500mm	1

Ordering Information

Standard	
IMB110VGGA	Socket 478 socket Intel® Pentium® M Micro ATX industrial M/B with VGA, audio, dual Gigabit LAN
Optional	
593826A0000E	SATA signal cable 500mm (Red RC)
593836A0030E	4-pin power cable to SATAx2 L=150mm (RC)
5938A808010E	2-port USB cable (190mm)

SBC Services and Solutions

System-on-a-Module Solutions

Embedded Single Board Computers

Industrial Motherboards

Slot CPU Cards

Accessories

Appendix