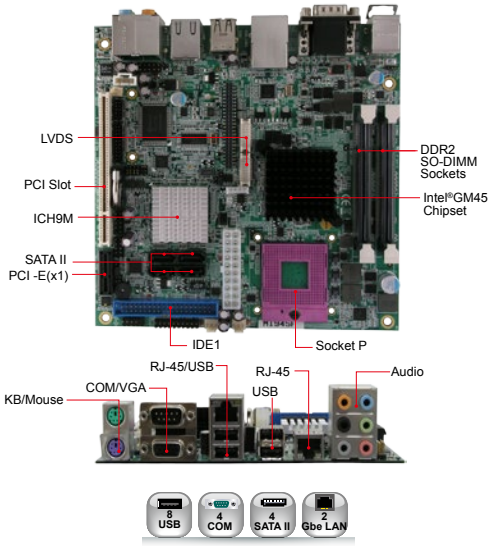
MI945

Socket P Intel® Core™2 Duo Mini-ITX Motherboard w/ Intel® GM45 Chipset



Features

- Supports Intel® Core™2 Duo processors 667/800/1066MHz FSB
- 2x DDR2 SO-DIMM, Max. 8GB
- Onboard dual Gigabit LAN
- Integrated VGA for CRT & LVDS
- 4x SATA II, 8x USB 2.0, 4x COM, 1x IDE, 1x CF
- 1x PCI, 1x PCI-E(x1), 1x Mini PCI-E

System

CPU Socket	Socket P for Intel® Core™2 Duo processors
System Memory	2x DDR2 SO-DIMM, 667/800MHz, Max. 8GB
System Chipset	Intel® GM45 + ICH9M (MI945F) / ICH9ME (MI945RF/ MI945AF), 667/800/1066MHz FSB
BIOS	Award (MI945F/MI945RF) / AMI (MI945AF)
Watchdog Timer	256 levels
SSD	CF socket (solder side)
H/W Monitor	Yes
Expansion Slots	1x PCI, 1x PCI-E(x1), 1x Mini PCI-E

Graphics

VGA Controller	Intel® GM45 integrated GMA 4500MHD
VGA Memory	Supports DVMT 5.0; Max. shared memory - 1GB
Display Interface	Supports CRT & 18-bit/24-bit dual channel LVDS, optional daughter card supports 2nd CRT and single/dual DVI

LAN

Controller	ICH9M integrated Intel® 82567LM Gigabit LAN Intel® 82574L PCI-E Gigabit LAN for 2nd LAN
Connector	RJ-45 on board

Multi I/O

I/O Chipset	Winbond W83627DHG-P + Fintek 81216AD 1x IDE, 1x KB, 1x mouse, 3x RS232, 1x RS-232/422/485, 4x SATA II
USB	4 ports on board Pin header for 4 ports (USB 2.0)
Audio	Intel® ICH9M built-in HD audio w/ Realtek ALC892 codec for 7.1CH
Others	Digital I/O (4 in, 4 out)

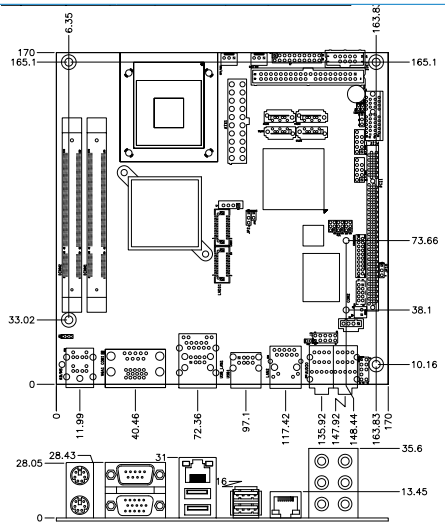
Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™2 Duo T9400 2.53GHz w/ 2GB DDR2-667 +12V: 2.01A, +5V: 0.45A, +3.3V: 0.82A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

MI945F	Socket P GM45 Mini-ITX motherboard with VGA and dual Gigabit LAN (ICH9M)
MI945AF	Socket P GM45 Mini-ITX motherboard with VGA, dual Gigabit LAN, RAID, iAMT 4.0 (ICH9ME)
MI945RF	Socket P GM45 Mini-ITX motherboard with VGA, dual Gigabit LAN and RAID (ICH9ME)

Dimensions Drawing



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw.