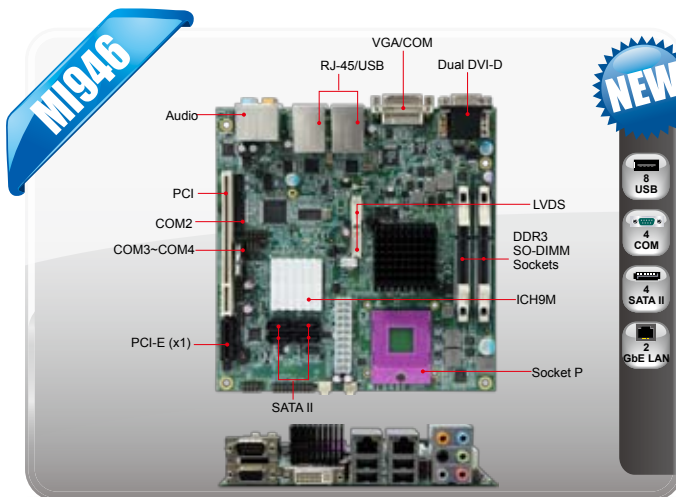
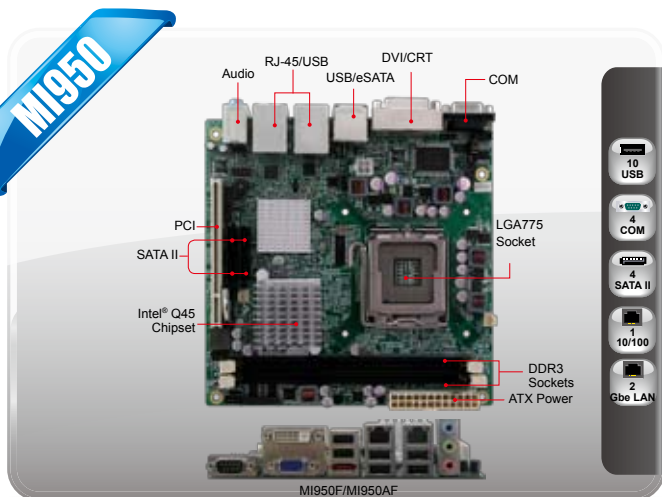


Intel® Core™2 Quad-Based

LGA775 Intel® Core™2 Quad / Core™2 Duo Mini-ITX Motherboard w/ Intel® Q45 / G45 Express Chipset

Intel® Core™2 Quad-Based

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



Features

- Supports Intel® Core™2 Quad / Core™2 Duo / Pentium® Dual-Core / Celeron® processors, 800/1066/1333MHz FSB
- 2x DDR3 DIMM, Max. 4GB
- Onboard dual Gigabit LAN
- Supports CRT and DVI
- Watchdog timer, HD audio
- 4x SATA II, 4x COM, 1x PCI
- 10x USB 2.0, 1x eSATA (MI950F/MI950AF)
- 8x USB 2.0 only (MI950GF)

Specifications

CPU	Intel® Core™2 Quad / Core™2 Duo / Pentium® Dual-Core/ Celeron® processors
System Memory	2x DDR3 DIMM, Max. 4GB
System Chipset	MI950F / MI950AF: Intel® Q45 + ICH10DO, 800/1066/1333MHz FSB MI950GF: Intel® G45 + ICH10, 800/1066/1333MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x PCI
VGA Controller	Intel® Q45 / G45 integrated
VGA Memory	Max. shared memory - 1024MB
Display Interface	CRT & DVI
LAN Controller	Intel® 82567 Gigabit LAN and Intel® 82574L Gigabit LAN
Connector	RJ-45 on board
I/O Chipset	Winbond W83627DHG + Fintek F81216 3x RS232, 1x RS-232/422/485, 4x SATA II + 1x eSATA (MI950F/MI950AF)
USB	6 ports on board for MI950F/MI950AF 4 ports on board for MI950GF Pin header for 4 ports (USB 2.0)
Audio	Intel® ICH10DO built-in ALC888 HD audio codec
Others	Digital I/O (4 in, 4 out)
Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™2 Quad Q9550 2.83GHz w/ 2x 2GB DDR3 -1333MHz +3.3V: 0.98A +5V: 5.96A +12V: 1.17A
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

MI950F	LGA775 Q45 Mini-ITX motherboard with VGA, Gigabit LAN(PHY), PCI-E Gigabit LAN, 4x SATA II, 1x e SATA, RAID 0,1, 5,10, 1x PCI
MI950AF (By request w/ MOQ)	LGA775 Q45 Mini-ITX motherboard with VGA, Gigabit LAN(PHY), PCI-E Gigabit LAN, 4x SATA II, 1x e SATA, RAID 0,1, 5,10, 1x PCI, iAMT 5.0
MI950GF	LGA775 G45 Mini-ITX motherboard with VGA, Gigabit LAN(PHY), PCI-E Gigabit LAN, 4x SATA II, 1x PCI

Features

- Support Intel® Core™2 Quad / Core™2 Duo processors, 667/800/1066MHz FSB
- 2x DDR2 SO-DIMM, Max. 4GB
- Supports CRT, DVI-I & 24-bit dual channel LVDS
- Onboard dual Gigabit LAN
- 4x SATA II, 8x USB 2.0, 4x COM
- 1x MiniPCI-E, 1x PCI-E(x1), 1x PCI
- Watchdog timer, EuP/ErP compliant

Specifications

CPU	Socket P for Intel® Core™2 Quad / Core™2 Duo processors
System Memory	2x DDR2 SO-DIMM, 667/800 MHz, Max. 4GB
System Chipset	Intel® GM45 + ICH9M (MI946F)/ICH9ME (MI946AF/MI946RF), 667/800/1066 MHz FSB
BIOS	AMI
Watchdog Timer	256 levels
SSD	CF socket(solder side)
H/W Monitor	Yes
Expansion Slot	1x MiniPCI-E, 1x PCI-E(x16), 1x PCI
VGA Controller	Intel® GM45 integrated GMA4500MHD
VGA Memory	Supports DVMT 5.0; Max. Shared memory-1GB
Display Interface	Support Direct X 10 for CRT & 18-bit/24-bit dual channel LVDS
LAN Controller	ICH9M Integrated Intel® 82567LM Gigabit LAN Intel® 82583V PCI-E Gigabit LAN for 2nd LAN
Connector	RJ-45 on board
I/O Chipset	ICH9M, Nuvoton NCT6627UD 1x KB, 1x Mouse (Thru onboard pin-header) 3x RS232, 1x RS-232/422/485, 4x SATA II
USB	4 ports on board Pin header for 4 ports
Audio	Intel® ICH9M built-in HD audio w/ Realtek ALC892 codec for 7.1CH
Others	Digital I/O (4 in, 4 out)
Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™2 Duo T9400 2.53GHz w/ 2x 2GB DDR3-1333 +12V: 2.72A +5V: 2.08A +3.3V: 1.16A +5VSB: 0.72A
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

MI946F	Socket P GM45 Mini-ITX motherboard with VGA+DVI-I and dual Gigabit LAN, EuP/ErP
MI946AF	Socket P GM45 Mini-ITX motherboard with VGA+DVI-I and dual Gigabit LAN, iAMT4.0, RAID (ICH9ME)
MI946RF	Socket P GM45 Mini-ITX motherboard with VGA+DVI-I and dual Gigabit LAN, RAID (ICH9ME)