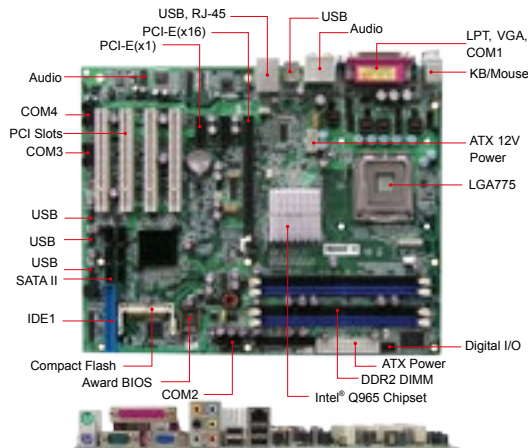


MB898

LGA775 Intel® Core™2 Duo ATX Motherboard w/
Intel® Q965 Express Chipset

Intel® Core™2 Duo-Based



Features

- Supports Intel® Core™2 Duo / Pentium® D / Intel® Pentium® 4 HT / Celeron® D Up to 2.6GHz, 533/800/1066MHz FSB
- 4x DDR2 DIMM, Max. 8GB
- 10/100BaseT or Gigabit LAN on board
- Integrated Intel® Q965 Express VGA
- 4x SATA II, 10x USB 2.0, 4x COM
- Watchdog timer, Digital I/O
- 4x PCI, 2x PCI-E(x1), 1x PCI-E(x16)

Specifications

CPU	LGA775 for Intel® Core™2 Duo / Pentium® D / Intel® Pentium® 4 HT / Celeron® D, up to 2.6GHz
System Memory	4x DDR2 DIMM, Max. 8GB (DDR2 533/667/800)
System Chipset	Intel® Q965 Express + ICH8, 533/800/1066MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	4x PCI, 2x PCI-E(x1), 1x PCI-E(x16)
VGA Controller	Intel® Q965 Express integrated for CRT
VGA Memory	DVMT 4.0 (Intel® GMA 3000); supports memory allocation up to 256MB
Display Interface	Supports CRT
LAN Controller	Intel® 82562V10/100 LAN, optional Intel® 82566DM PCI-E Gigabit LAN
Connector	RJ-45 on board
I/O Chipset	Winbond 83627EHG + Fintek F81216 1x IDE, 1x FDD, 1x KB, 1x mouse, 4x RS-232, 4x SATA II
USB	4 ports on board Pin header for 6 ports (USB 2.0)
Audio	Intel® High Definition Audio + AC97 codec, with 7.1 channels
Others	IrDA, Digital I/O (4-in/4-out)
Dimensions	305mm x 244mm (12" x 9.6")
Max. Power Requirement	Intel® Core™2 Duo (E6400) 2.13GHz w/ 2GB DDR2 +3.3V: 6.58A +5VSB: 0.43A +5V: 3.12A +12V: 1.15A CPU Input +12V: 3.37A
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)

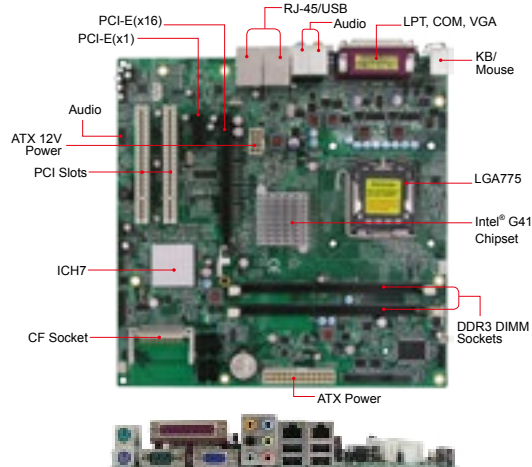
Ordering Information

MB898-R	LGA775 Q965 ATX motherboard w/ VGA and 10/100 LAN
MB898F-R	LGA775 Q965 ATX motherboard w/ VGA, PCI-E Gigabit LAN and 4x SATA
MB898RF-R (By request w/ MOQ)	LGA775 Q965 ATX motherboard w/ VGA, PCI-E Gigabit LAN and 6x SATA w/ RAID support (ICH8DO)

MB941

LGA775 Intel® Core™2 Quad Micro ATX
Motherboard w/ Intel® G41 Chipset

Intel® Core™2 Quad-Based



Features

- Supports Intel® Core™2 Quad/ Core™2 Duo/ Pentium®/ Celeron® processors, 800MHz/1066MHz/1333MHz FSB
- 2x DDR3 DIMM, Max. 8GB
- Integrated VGA, supports CRT
- Dual PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 8x USB 2.0, 4x COM, 4x SATA II
- 1x PCI-E(x16), 1x PCI-E(x1), 2x PCI

Specifications

CPU	LGA775 for Intel® Core™2 Quad/ Intel® Core™2 Duo/ Pentium® / Celeron® processors
System Memory	2x DDR3 DIMM, Max. 8GB (Non-ECC)
System Chipset	Intel® G41 + ICH7, 800/1066/1333MHz FSB
BIOS	AMI
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	1x PCI-E(x16), 1x PCI-E(x1), 2x PCI, 1x pin header for adapter card, supports TPM 1.2 function
VGA Controller	Intel® G41 integrated GMA X4500
VGA Memory	Supports DVMT 5.0; Max. Shared memory – 224MB
Display Interface	Supports CRT
LAN Controller	2x Realtek RTL8111E PCI-E Gigabit LAN
Connector	RJ-45 on board
I/O Chipset	Winbond W83627UHG 1x KB, 1x mouse, 3x RS232, 1x RS-232/422/485 4x SATA II, 1x LPT
USB	4 ports on board and 4 ports via pin header (USB 2.0)
Audio	Intel® built-in HD audio w/ Realtek ALC892 codec for 7.1 CH
Others	Digital I/O (4-in/4-out), EuP/ErP compliant
Dimensions	244mm x 244mm (9.6" x 9.6")
Max. Power Requirement	Intel® Pentium® E2160 1.8GHz w/ 2x 1GB DDR3 +3.3V: 0.3A +5V: 2.75A +12V: 0.43A
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

MB941	LGA775 G41 Micro ATX motherboard w/ VGA, Dual Gigabit LAN
ID395-R	TPM1.2 (LPC interface) board



01
Motherboards

02
Disk-Size SBCs

03
CPU Modules

04
PC 104 Plus

05
CPU Cards

06
RISC SBCs

07
Embedded Systems