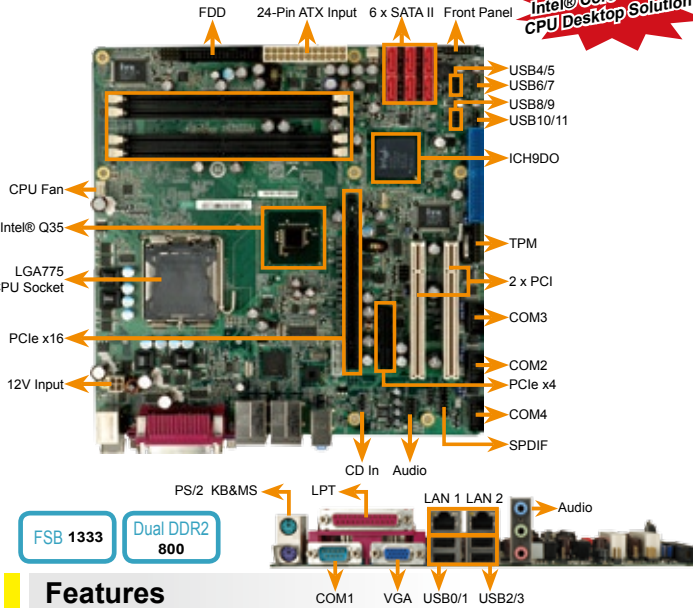


IMB-Q354

Micro ATX Motherboard Supports 45nm LGA775 Intel® Core™2 Duo CPU with a 800/1066/1333 MHz FSB, Intel® Q35 & ICH9DO platform, Dual Intel PCIe GbE, SATA II with RAID Functions.



Intel® Core™2 Quad
CPU Desktop Solution



Features

1. Micro ATX and RoHS compliant
2. Supports Intel® LGA775 Intel® Core™2 Quad, Core™2 Duo, 45 nm processor with 1333/1066/800 MHz FSB
3. Intel® Q35 & ICH9DO platform
4. Six SATA II with Intel® Matrix Storage Technology supported
5. Intel® PCIe GbE with Intel® AMT 3.0 supported
6. TPM1.2 IT security solution supported
7. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
LGA775 45nm Intel® Core™2 Quad, Core™2 Duo, Celeron® CPU with a 1333/1066/800 MHz FSB
- ◆ System Chipset
Intel® Q35 + ICH9DO
- ◆ BIOS
AMI BIOS
- ◆ System Memory
4 x 240-pin 2 GB (max.) 800/667 MHz dual-channel DDR2 SDRAM DIMM (system max. 8 GB)
- ◆ Ethernet
Dual GbE
LAN1: Intel® 82573L (MAC + PHY)
LAN2: Intel® 82566DM (PHY) with Intel® AMT support
- ◆ IO Interface
4 x RS-232 12 x USB 2.0
1 x LPT 1 x FDD
2 x PS/2 for KB/MS (external)
6 x SATA II with RAID 0,1,5,10 support
- ◆ Digital I/O
8-bit Digital I/O, 4-bit input / 4-bit output
- ◆ Infrared Interface
1 x Infrared Interface by pin header
- ◆ Expansions
1 x PCIe x16 1 x PCIe x4 2 x PCI
◆ Audio
Realtek ALC883 HD audio codec
◆ Graphic
VGA integrated in Intel® Q35
◆ TPM1.2
1 x 20-pin header on-board for TPM (Trusted Platform Module)
◆ Watchdog Timer
Software Programmable supports 1~255sec. system reset
◆ Power Supply
ATX
◆ Super IO
ITE8712F
◆ Power Consumption
3.3V@2.41A, 5V@5.71A, 5Vsb@0.13A, 12V@3.69A(2DMark 2001)
Intel® Core™2 Duo E6850 3.0GHz, 8GB DDR2 800MHz, 3DMark 2001
◆ Temperature
Operating: 0°C ~ 60°C (32°F ~ 140°F)
◆ Humidity
Operating: 5% ~95% non-condensing
◆ Dimensions: 244 mm x 244 mm
◆ Weight: GW:1.1 kg

Packing List

1 x IMB-Q354 single board computer	
3 x SATA power cable (P/N: 32102-000100-100/200-RS)	
1 x Dual RS-232 cable (P/N: 19800-000051-RS)	
1 x I/O shielding (P/N: 45014-0017C0-00-RS)	6 x SATA cable (P/N: 32000-062800-RS)
1 x USB cable (P/N: CB-USB02-RS)	1 x mini jumper pack
1 x Utility CD	1 x QIG

Ordering Information

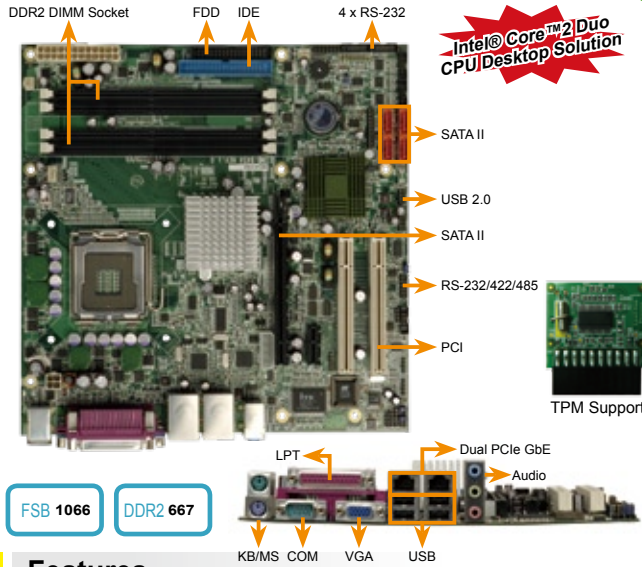
Part No.	Description
IMB-Q354-R10	Micro ATX motherboard supports 45 nm LGA775 Intel® Core™2 Duo CPU with a 800/1066/1333 MHz FSB, Intel® Q35 & ICH9DO platform, dual Intel® PCIe GbE, six SATA II with RAID functions.
CF-520-RS-R11	High performance CPU cooler, (115mm x 115mm x 67mm, 115W)
TPM-IN01-R10	Infineon 20-pin Trusted Platform Module with S/W management tool
TPM-WI01-R10	Winbond 20-pin Trusted Platform Module with S/W management tool
SDVO-100VGA-R10	PCIe x16 VGA output SDVO card supports dual display (IEI CPU board only)
SDVO-100DVI-R10	PCIe x16 DVI output SDVO card supports dual display (IEI CPU board only)

IMB-9454G-R20

micro-ATX Motherboard with Intel® Core™2 Duo, Pentium® 4/ Pentium® D/ Celeron® D FSB 533/800/1066 MHz CPU, VGA, Dual PCIe GbE, SATA II, USB 2.0, 6 COM, & Audio



Intel® Core™2 Duo
CPU Desktop Solution



Features

1. Intel® Core™2 Duo, Pentium® 4/ Pentium® D/ Celeron® D CPU support up to FSB 533/800/1066 MHz
2. VGA integrated in Intel® 945G
3. Dual-channel DDR2 533/667MHz support up to 4GB
4. FDD, LPT, 4 x SATA II, 8 x USB 2.0 and 6 x COM
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
LGA 775 Intel® Core™2 Duo, Pentium® 4/D/ Celeron® D with 533/800/1066 MHz FSB
- ◆ System Chipset
Intel® 945G + ICH7
- ◆ BIOS
AMI BIOS
- ◆ System Memory
4 x 240-pin Dual-channel DDR2 533/667MHz up to 4GB
- ◆ Ethernet
Dual PCIe Broadcom BCM5787M GbE chipset with ASF2.0 support.
- ◆ I/O Interface
8 x USB 2.0 4 x SATA II
1 x LPT 1 x FDD
5 x RS-232 1 x RS-232/422/485
2 x PS/2 for KB/MS 1 x IDE
1 x 20-pin LPC for TPM
- ◆ Expansions
1 x PCIe x1 2 x PCI
1 x PCIe x16 (Support PCIe x1/16 PCIe add on cards)
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface
1x Infrared Interface by pin header
- ◆ Super I/O
ITE IT8712F
- ◆ Audio
Realtek ALC655 with AC'97 codec
- ◆ Display
VGA integrated in Intel® 945G
- ◆ Watchdog Timer
Software programmable 1-255 sec. by super I/O
- ◆ Power Supply
ATX power supply
- ◆ Power Consumption
5V@2.09A, 12V@8.9A, 3.3V@3.6A, 5Vsb@0.67A (Pentium® 4 3.2GHz, DDR2 533 512MB x 4)
- ◆ Temperature
Operating: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions
244 mm x 244 mm
- ◆ Weight
GW: 1200 g; NW: 680 g

Packing List

1 x IMB-9454G Single board computer	
2 x Dual RS-232 Cable (P/N: 19800-000112-RS)	
1 x SATA Power Cable (P/N: 32102-000100-100/200-RS)	
1 x I/O Shielding (P/N: 45014-0017C0-00-RS)	1 x IDE Cable (P/N: 32200-000052-RS)
2 x SATA Cable (P/N: 32000-062800-RS)	1 x Mini Jumper Pack
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
IMB-9454G-R20	micro-ATX Motherboard, Core™2 Duo CPU 800/1066/1333 MHz FSB with VGA, Dual PCIe GbE, SATA II, COM and Audio
32200-000017-RS	FDD Cable
CB-USB02-RS	Dual USB Cable
19800-000100-200-RS	Four USB Cable
19800-000082-RS	RS-232/422/485 Cable
TPM-WI01-R10	20-pin WINBOND TPM Module, S/W Management
TPM-IN01-R10	20-pin INFINEON TPM Module, S/W Management
SDVO-100VGA-R10	PCIe x16 VGA Output SDVO Card supports dual display (IEI CPU board only)
SDVO-100DVI-R10	PCIe x16 DVI Output SDVO Card supports dual display (IEI CPU board only)
CF-775A-RS	CPU cooler
CF-520-RS-R11	