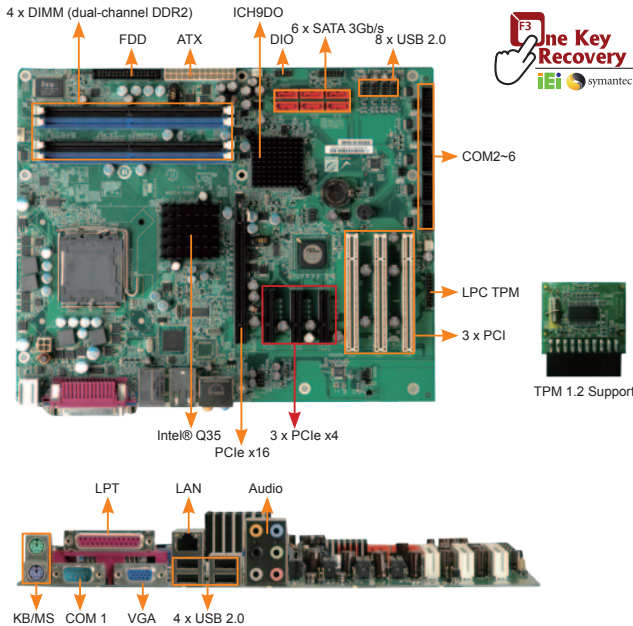


# IMBA-XQ354S-R11

LGA775 45nm Intel® Core™2 Quad, Core™2 Duo, Celeron® CPU with a 1333/1066/800MHz FSB



## Features

1. ATX form factor supports Intel® Q35/ICH9DO
2. Supports Intel® Core™2 Quad/Duo 45nm processor with a 1333/1066/800 MHz FSB
3. PLX PCIe switch for three PCIe x4 add-on cards
4. Six SATA 3Gb/s with Intel® Matrix Storage Technology supported
5. TPM1.2 IT security solution supported
6. 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
- ◆ FSB: 1333/1066/800 MHz
- ◆ System Chipset: Intel® Q35
- ◆ BIOS: Intel® ICH9DO
- ◆ Memory: 4 x 240-pin 800/667 MHz dual-channel DDR2 SDRAM DIMM support up to 8 GB
- ◆ Graphics: Integrated Graphics Device from Q35
- ◆ Display Output: Analog display (VGA)
- ◆ Ethernet: LAN: Intel® 82573L (MAC+PHY) PCIe GbE
- ◆ Super I/O: ITE IT8718F
- ◆ IO Interface: 1 x KB/MS, 1 x LPT, 1 x FDD, 12 x USB 2.0, 6 x SATA 3Gb/s, 6 x RS-232 COM Port (2 by super IO, 4 by Fintek F81216DG)
- ◆ Audio: Realtek ALC888 HD Audio codec
- ◆ Digital I/O: 8-bit digital I/O 4-bit input/4-bit output
- ◆ Expansions: 1 x PCIe x16, 3 x PCIe x4 (by PLX PEX8518), 3 x PCI
- ◆ Watchdog Timer: Software programmable supports 1~255 sec. system reset
- ◆ TPM: 1 x TPM connector (2x10 pin)
- ◆ Power Supply: ATX supported
- ◆ Fan Connector: 1 x 4-pin CPU fan, 2 x 3-pin system fan
- ◆ Power Consumption: 3.3V@2.96A, 5V@6.92A, 12V@2.77A (Intel® Core™2 Duo E6850 CPU with 800 MHz 8GB DDR2 DIMM)
- ◆ Operating Temperature: 0°C ~ 60°C (32°F~140°F)
- ◆ Storage Temperature: -10°C ~ 70°C
- ◆ Humidity Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions: 305 mm x 244 mm
- ◆ Weight: GW: 1200 g/NW: 600 g

## Packing List

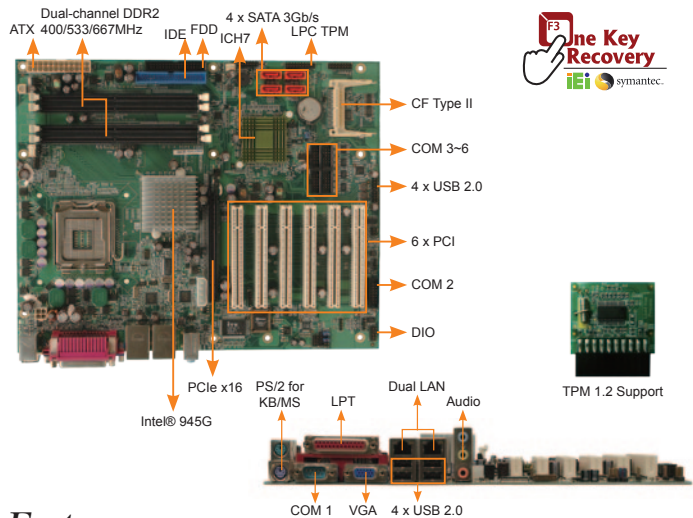
1 x IMBA-XQ354S single board computer	
1 x I/O shielding (P/N: 45014-0025C0-00-RS)	1 x One Key Recovery CD
2 x Dual RS-232 cable (P/N: 19800-003600-100-RS)	1 x Mini jumper pack
1 x RS-232 cable (P/N: 19800-010900-200-RS)	1 x Utility CD
6 x SATA cable (P/N: 32102-000100-200-RS)	1 x QIG

## Ordering Information

Part No.	Description
IMBA-XQ354S-R11	ATX motherboard with Intel® LGA775, Core™2 Quad CPU, Celeron® with a 1333/1066/800 MHz FSB, PCIe x16, PCIe x4, PCIe GbE, SATA 3Gb/s and audio
19800-003100-300-RS	Dual USB cable
19800-000100-200-RS	Four USB cable
32200-000063-RS	RS-232/422/485 cable
CF-775A-RS	CPU cooler
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17
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)

# IMBA-9454-R40

ATX form factor with Intel® Core™2 Duo, Pentium® D/Pentium® 4/Celeron® D CPU FSB 533/800/1066 MHz, VGA, dual-channel DDR2, FDD, LPT, four SATA 3Gb/s, eight USB 2.0 and six COM



## Features

1. Intel® Core™2 Duo, Pentium® D, Pentium® 4, Celeron® D processor in a LGA775 package
2. Integrated Intel® GMA950 graphics engine that offers adequate display quality via VGA interface
3. Dual-channel 400/533/667 MHz DDR2 SDRAM socket supports up to 4 GB
4. TPM V1.2 hardware security function supported
5. Four SATA 3Gb/s, eight USB 2.0, audio and ATX power only
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- ◆ CPU: LGA775 Intel® Core™2 Duo, Pentium® 4/ Celeron® D processor, FSB 533/800/1066 MHz
- ◆ System Chipset: Intel® 945G + ICH7
- ◆ BIOS: AMI BIOS
- ◆ System Memory: 4 x 240-pin dual-channel 400/533/667 MHz DDR2 (system max. 4 GB)
- ◆ Ethernet: Dual PCIe Realtek RTL8111E GbE controller
- ◆ I/O Interface: 8 x USB 2.0, 4 x SATA 3Gb/s, 1 x LPT, 1 x FDD, 2 x PS/2 for KB/MS, 1 x IDE, 5 x RS-232, 1 x RS-232/422/485, 1 x CF Type II, 1 x 20-pin LPC for TPM
- ◆ Expansions: One PCIe x16 (Support PCIe x1/x16 PCIe add-on cards), 6 x PCI
- ◆ Infrared Interface: 1 x Infrared interface by pin header
- ◆ Super I/O: ITE IT8712F
- ◆ Digital I/O: 8-bit digital I/O, 4-bit input/4-bit output
- ◆ Audio: Realtek ALC655 with AC'97 codec
- ◆ Display: VGA integrated in Intel® 945G
- ◆ Watchdog Timer: Software programmable supports 1~255 sec. system reset
- ◆ Power Supply: ATX support
- ◆ Power Consumption: 5V@2.86A, 12V@0.39A, 3.3V@6.24A, Vcore@1.05A (Intel® Core™2 Duo E7400 2.8 GHz/1066 MHz CPU with two 800 MHz 2GB DDR2)
- ◆ Operating Temperature: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Storage Temperature: -10°C ~ 70°C
- ◆ Operating Humidity: 5% ~ 95%, non-condensing
- ◆ Dimensions: 305 (L) mm x 244 (W) mm
- ◆ Weight: GW: 1200 g/NW: 650 g

## Packing List

1 x IMBA-9454 single board computer	
1 x IDE cable (P/N: 32225-002000-200-RS)	
2 x Dual RS-232 cable (P/N: 19800-003600-100-RS)	
1 x SATA power cable (P/N: 32102-000100-200-RS)	
1 x I/O shielding (P/N: 45014-0017C0-00-RS)	1 x Mini jumper pack
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG

## Ordering Information

Part No.	Description
IMBA-9454G-R40	ATX motherboard with Intel® LGA775 Core™2 Duo, Pentium® D/Pentium® 4/Celeron® D processor FSB 533/800/1066MHz, PCIe GbE, SATA 3Gb/s and Audio
32200-000017-RS	FDD cable
19800-003100-300-RS	Dual USB cable
19800-000100-200-RS	Four USB cable
32200-000063-RS	RS-232/422/485 cable
CF-775A-RS/CF-520-RS-R11	CPU cooler
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17
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)