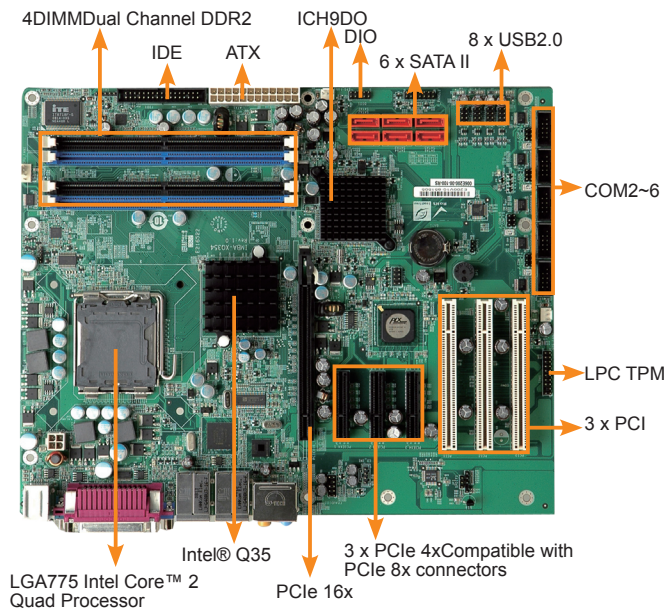
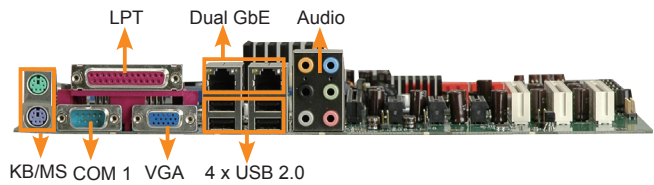
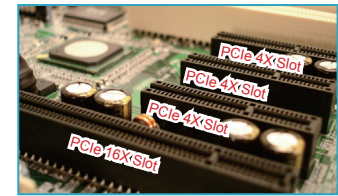
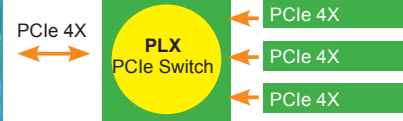
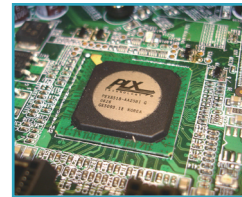


IMBA-XQ354

LGA 775 45nm Intel® core™2 Quad, Core™2 Duo, Celeron® CPU with a 1333/1066/800MHz FSB



Three Open PCIe 4x Slots for multi display graphic card, optical GbE LAN, SCSI, and RAID card applications.



Intel® Matrix Storage Manager



Specifications

Form Factor	ATX from factor
CPU	LGA 775 45nm Intel® core™2 Quad, Core™2 Duo, Celeron® CPU with a 1333/1066/800MHz FSB
FSB	1333/1066/800MHz
System Chipset	Intel® Q35 Intel® ICH9DO
BIOS	AMI BIOS Label
Memory	4 x 240-pin 800/667 MHz dual-channel DDR2 SDRAM DIMM support up to 8GB
Graphic	Integrated Graphics Device from Q35
Display Output	Analog display (VGA)
Ethernet	Intel® 82566DM (PHY) + ICH9-DO (MAC) Intel® 82573L (MAC+PHY) Interface PCI-Ex1
Super IO	ITE IT8718F
IDE	N/A
SSD	N/A
KB/MS	1 x KB/MS
COM PORT	6 x RS-232 COM Port (2 by super IO, 4 by Fintek F81216DG)
LPT	1 x LPT
FDD	1 x FDD
USB	12 x USB 2.0
Audio	Realtek ALC883 HD Audio codec
SATA	6 x SATA II
Digital I/O	8-bit digital I/O 4-bit input/4-bit output
Expansion	1 x PCIEx16 3 x PCIEx4 (by PLX PEX8518) 3 x PCI
WDT	Software Programmable supports 1~255 sec. System reset
TPM	Support TPM1.2
Power Supply	ATX supported
FAN connector	1 x 4-pin CPU Fan and 2x 3pin system fan

Features

1. ATX form factor support Intel® Q35/ICH9DO Platform
2. Supports Intel® Core™2 Quad/Duo 45nm processor with 1333/1066/800Mhz FSB
3. PLX PCIe switch for 3x PCIe x4 add on Card
4. Six SATAII with Intel Matrix storage technology supported
5. Intel® PCIe GbE with iAMT 3.0 supported
6. TPM1.2 IT security solution supported

Packing List

1 x IMBA-XQ354 single board computer
2 x Dual RS-232 cable (P/N: 32200-004101-RS)
1 x RS232 cable (P/N: 32200-029400-RS)
6 x SATA cable (P/N: 32000-062800-RS)
1 x I/O shielding (P/N: 45002-450903-00-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
IMBA-XQ354-R10	ATX Motherboard with Intel® LGA775, Core™2 Quad CPU, Celeron® with a 1333/1066/800Mhz FSB, PCIe x16, PCIe x4, PCIe GbE, SATAII and Audio
CB-USB02-RS	Dual USB cable
CB-USB14-RS	Four USB cable
CF-775A-RS/CF-520-RS	CPU cooler
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)