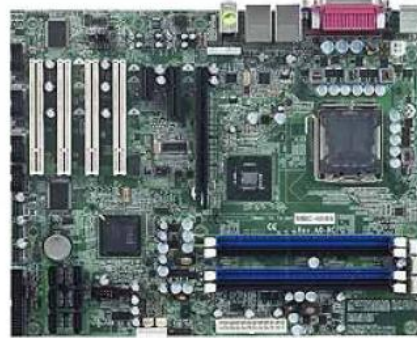


# MBC-6506

**AICSYS**  
ADVANCED INDUSTRIAL COMPUTER SYSTEMS



**LGA775 Intel® Core™2 Quad  
ATX Industrial Motherboard  
with Intel® Q45+ICH10-DO  
Chipset, iAMT, iTPM and RAID**



## Features

- Supports Intel Core 2 Quad Processors
- 4 DDR3-800/1066 DIMM support up to 16GB
- Intel® Gen 5 high performance integrated graphic controller with DX10 and OpenGL 2.1
- RAID 0, 1, 10 and 5
- Intel® iAMT & iTPM supported

## CPU

- LGA775 socket for Intel® Core™2 Quad/Core™2 Duo/ Celeron® processor with 800/1066/1333 MHz MT/s

## Chipset

- Intel®Q45+ICH10-DO

## System Memory

- (4) 240-pin DDR3-800/1066 DIMM max. up to 16GB

## Display Interface

- Intel® Q45 GMCH 4500 integrated graphic engine; support Microsoft DirectX 10 & OpenGL 2.1

## Audio

- HD Codec audio as MIC-in/ Line-out/ Speaker-out with Realtek ALC888

## Ethernet

- 1st port as 10/100/1000 Mbps supports Wake-on-LAN with Intel 82574L
- 2nd port as 10/100/1000 Mbps supports iAMT, Wake-on-LAN with Intel 82567LM

## I/O Interface

- (1) FDD
- (3) RS232 & (1) RS232/422/485 serial ports
- (1) PS/2 keyboard & mouse port
- (12) USB 2.0 ports
- (1) digital I/O interface
- (6) SATAII with RAID 0, 1, 5, 10

## Onboard Expansion

- (1) PCIe x16, (1) PCIe x4, (1) PCIe x1
- (4) PCI

## Environment Spec

- 0 ~ 60°C operation temperature
- Operation humidity under 10% ~ 95%

## Dimension

- 305mm x 244mm (12" x 9.6")

## Ordering Information

- MBC-6506A2GR** LGA775 socket ATX industrial M/B with VGA, 2 Gbit LAN, audio, iAMT, iTPM and SATA RAID

## RCK-405

**AICSYS**  
ADVANCED INDUSTRIAL COMPUTER SYSTEMS



**4U Rackmount Chassis with 5 Drive Bays,  
Retaining bar for 14-slot Backplane or ATX  
Motherboard, Supports PS/2 Size PSU**

- Circuit Card Hold Down Bar
- Inter-changeable Rear Plate
- Supports PS/2 size Power Supply
- Internal Bracket for (1) 3.5" Drive
- Two Ball Bearing Fans
- Brackets for (3) 5.25" and (1) 3.5" Drive
- Front Door Latch



### Introduction

The **RCK-405** 4U Rackmount Chassis provides a cost effective solution for a variety of Industrial applications. It is easily configurable to support either an ATX Motherboard or a 14-slot PICMG backplane by simply changing the rear panel. The **RCK-405** can support up to five shock resistant drives (3-5.25"/1-FDD/1-HDD) and a retaining bar is included to hold expansion cards in place for those applications which encounter a high level of vibration. Both AT and ATX PS/2 size Power Supplies are supported by the **RCK-405** for any applications with unique power requirements.

### Features

- 4U 19" Rackmount Chassis
- Front Panel with Lockable Door to Protect Drives
- (2) 3.5" and (3) 5.25" Drive Bays
- (2) Front USB 2.0 Ports (optional)
- Changeable rear I/O shield
- Anti Vibration Card Clamp
- Motherboard or Backplane Support

