



# MBC-6619

**Industrial ATX Motherboard supports Intel® 10<sup>th</sup> Gen. Core™ and Xeon W series, Intel® W480E/Q470E PCH, USB 3.1, SATA 3.0 with RAID, (2) LAN, VGA/DP++/HDMI, Audio**



## Features

- Supports Intel 10<sup>th</sup> Gen. Core and Xeon W CPU
- (2) Gigabit Ethernet supported
- (4) SATA 3.0 with RAID 0/1/5/10
- Watchdog & Hardware Monitor function
- (1) VGA, (1) DisplayPort and (1) HDMI

## CPU

- LGA1200 socket 10th generation Intel® Core™ i9/i7/i5/i3, Xeon W series, Pentium® & Celeron® processors

## Chipset

- Intel® W480E/Q470E PCH

## System Memory

- (4) 288-pin DIMM dual channel DDR4 2666/2933 max. up 128 GB (ECC for Xeon)

## Display Interface

- Intel® HD Gen. 9 Graphics
- (1) VGA, (1) DisplayPort++ and (1) HDMI

## Storage

- (4) SATA 3.0 with RAID 0,1,5,10
- (1) M.2 2242/2260/2280 M key (PCIe Gen3 x4 NVMe/SATA/Intel® Optane Memory/intel RST)
- (1) M.2 2242/2260/2280 M key (PCIe Gen3 x4 NVMe/Intel® Optane Memory/intel RST)

## Ethernet

- (2) Gigabit LAN with Intel® I211AT and i219LM

## Audio

- Built-in HD Audio Codec with Realtek ALC888

## I/O Interface

- (4) RS232 & (2) RS232/422/485 serial ports
- (4) USB 3.2 Gen.2 and (2) USB 3.2 Gen.1 ports
- (6) USB 2.0 ports
- (1) 8-bit digital I/O interface
- (1) LPC & (1) SMBus

## Onboard Expansion

- (2) PCIe x16 (Gen 3) (1 x16 signal or 2 x8 signals)
- (2) PCIe x4 (Gen 3) & (1) PCIe x1 (Gen 3)
- (2) PCI

## Environment Spec

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

## Dimension

- 305mm x 244mm

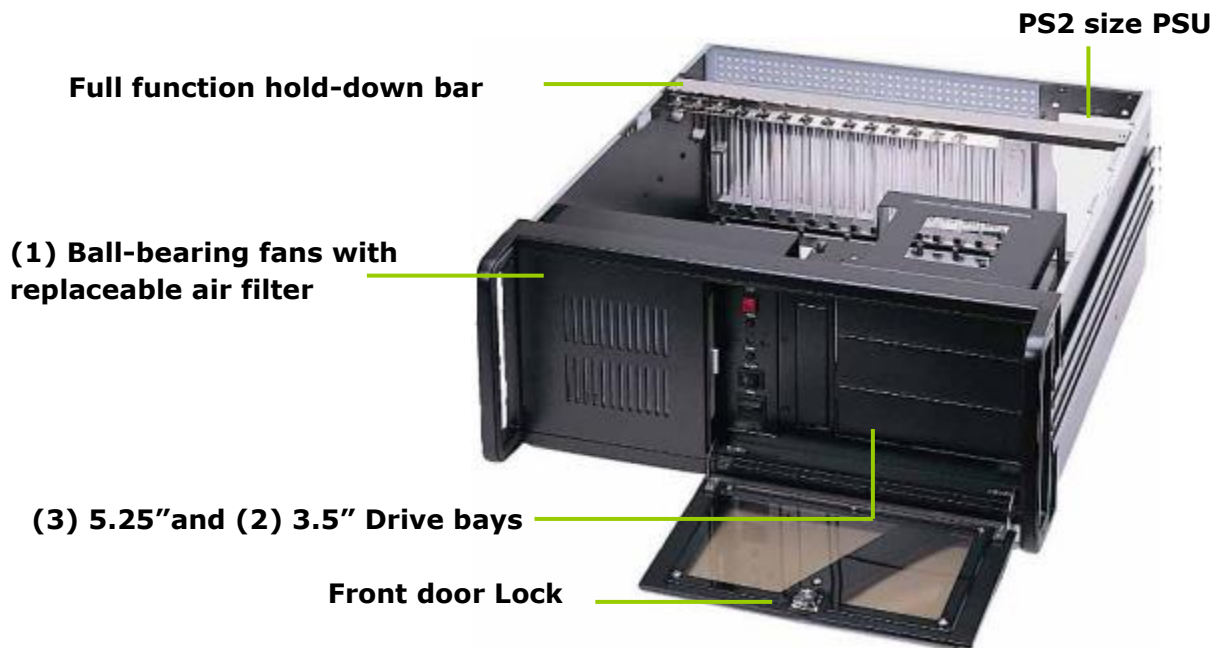
## Ordering Information

<b>MBC-6619A2GPR-W480</b>	Intel® Core™ and Xeon W, Intel® W480E PCH, USB 3.2, SATA 3.0, (2) LAN, VGA/DP/HDMI, Audio
<b>MBC-6619A2GPR-Q470</b>	Intel® Core™, Intel® Q470E PCH, USB 3.2, SATA 3.0, (2) LAN, VGA/DP/HDMI, Audio



# RCK-405M2/B2

**4U Rackmount Chassis with 5 drive bays,  
for ATX motherboard or 14-slot backplane,  
supports PS2 Power supply**



## Introduction

The **RCK-405M2/B2** 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-405M2/B2** 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.

## Features

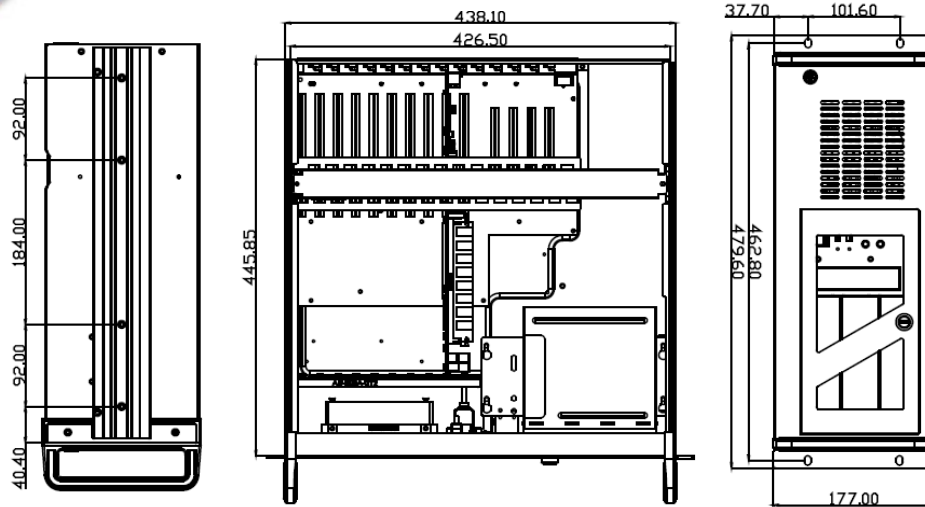
- 19" 4U Industrial rackmount chassis
- Heavy-duty steel, Black or Beige
- Support ATX motherboard, or 14-slot backplane
- (3) 5.25" and (1) external drive bays, (1) 3.5" internal drive bay
- (1) 12cm ball-bearing fan (78 CFM/each) with a removable filter
- Lockable front door
- Anti vibration card retention
- Supports PS2 single output



# RCK-405M2/B2



## Mechanical Drawing



### Construction

- Heavy-duty steel

### Color

- Black / Beige

### Board support

- ATX motherboard or backplane

### Drive bays

- (3) 5.25" & (1) 3.5" ext. drive bays, and (1) 3.5" internal drive bay

### Expansion

- (7) expansion slots for RCK-405M2
- (14) expansion slots for RCK-405B2

### Power Supply

- PS/2 Power supply

### Cooling System

- (1) 12cm ball-bearing fan (78 CFM/each) with a removable filter

### I/O Port

- (2) USB 2.0

### Switch

- Power On/Off, Reset switch

### Indicator

- Power On/Off LED and HDD LED

### Operating Temperature

- 0~55°C

### Weight (NW / GW)

- 15kg / 16.3kg

### Dimension (W x D x H)

- 482.6 x 450 x 177mm

### Ordering Information

RCK-405M2	4U Rackmount chassis for ATX motherboard, with (5) drive bays
RCK-405M2-600W	RCK-405M chassis with 600W PS2 ATX Power supply
RCK-405B2	4U Rackmount chassis for 14-slot backplane, with (5) drive bays
RCK-405B2-600W	RCK-405B chassis with 600W PS2 ATX Power supply
BPE-1306PE	Optional 13-slot PICMG 1.3 backplane, with (6) PCIe and (7) PCI expansion slots
MR-A3553	Mobile rack for (5) 3.5" SATA 3.0 HDD in 3x 5.25" HDD bays