# PFC-103M

**AICSYS**
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

## Industrial Fanless Chassis with 3 drive bays, support ATX motherboard

**(6) Heat pipe for processor**

**(6) Heat pipe for graphic card**

**Slim ODD drive bay**

**(2) USB port**

**(2) Expansion slot**

**On/Off switch with LED**
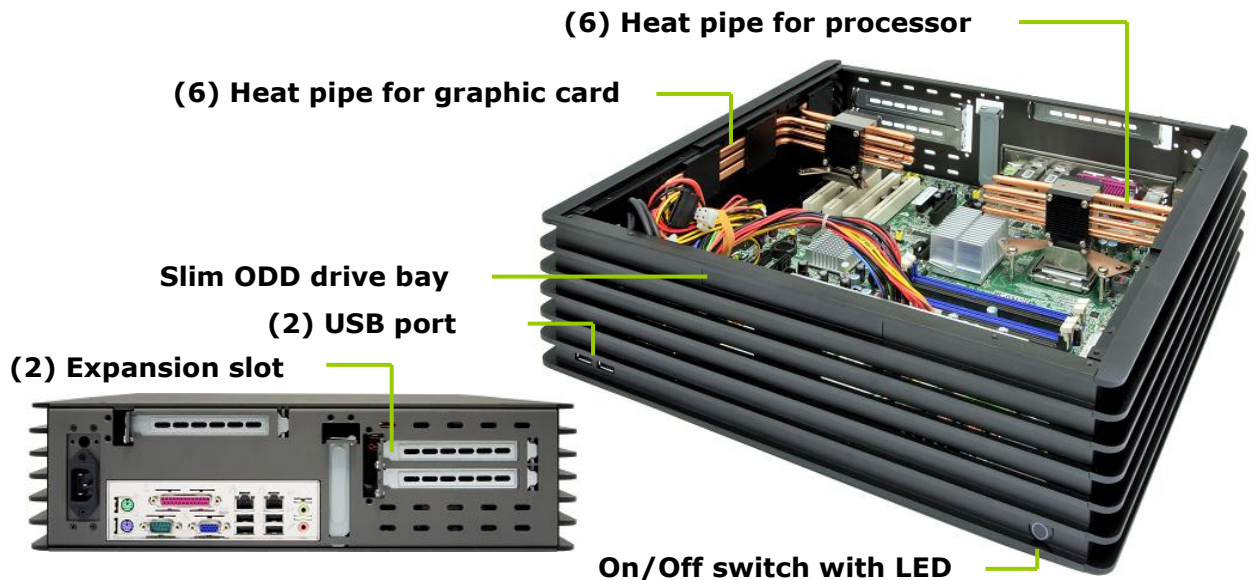
## Introduction

The **PFC-103M** is a stunning solid aluminum for completely fanless chassis with high heat dissipation. It is constructed of Aluminum casing with Black, Silver and Dark Gray sandblasted finish. Heat Dissipation by heat pipes and heat sinks, supports standard ATX motherboard. It can accommodate (3) 3.5"/2.5" internal drive bays, or (1) external slim ODD, and (1) 3.5" + (1) 2.5" internal drive bays.
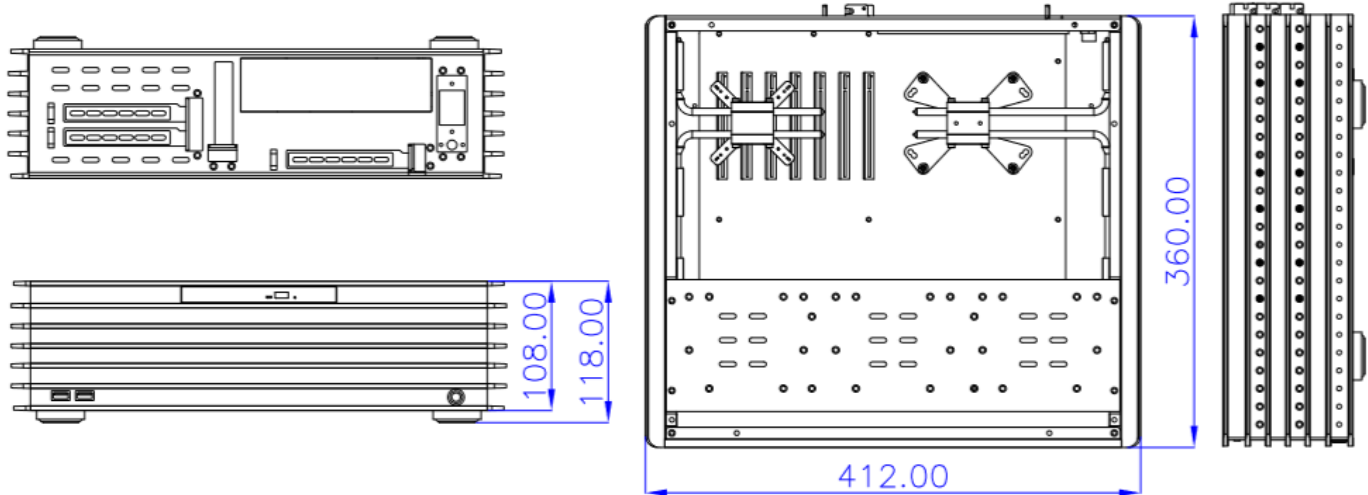
The 2.5mm thickness aluminum with 10mm heat sink on each sides provide maximum heat conductivity and superior rigidness.

## Features

- All aluminum for max. heat dissipation
- 2.5mm thickness for front, rear and top panels, and 10mm for side heat sinks
- Support ATX, mATX and Mini-ITX
- (3) 3.5"/2.5" drive bays, or
  (1) Slim ODD + (1) 3.5" + (1) 2.5" bays
- (2) front panel USB 3.0
- Ø6mm solid copper pipes:
  (6) Heat pipes for CPU, and
  (6) Heat pipes for full-size Graphic card
- Rear panel expansion slot:
  (3) Full-height slots
  (1) Low-profile slot

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## Mechanical Drawing



## Construction
● All aluminum

## Color
● Black / Silver / Dark grey – Sandblast finish

## Board support
● ATX, macroATX and Mini-ITX

## Drive bays
● (3) 3.5"/2.5" drive bays,or
● (1) Slim ODD + (1) 3.5" + (1) 2.5" bays

## Expansion
● (2) Full height expansion slots
  (Riser card required – not included)
● Additional (1) Low-profile and (1) full-height
  expansion slots

## Power Supply
● Flex ATX or Nano PSU, or
● PS2 with Mini-ITX motherboard

## Cooling System
● (6) Solid copper heat pipes for processor, and
● (6) Solid copper heat pipes for graphic card
● Recommended CPU TDP 75W
  (TDP 95W with adequate airflow)

## I/O Port
● (2) USB 3.0 or USB 2.0 (by cable selection)

## Switch
● Power On/Off on front panel

## Indicator
● **Power On/Off with integrated LED**

## Operating temperature
● 0~60ºC

## Net Weight
● 5.4kg / 24.9lbs

## Dimension (W x D x H)
● 412 x 350 x 108mm
● 16.22 x 13.8 x 4.25inches

## Ordering Information

| | |
|---|---|
| PFC-103M-BLK | Fanless chassis for ATX motherboard with (2) expansion slots. Black color |
| PFC-103M-GRY | Fanless chassis for ATX motherboard with (2) expansion slots. Grey color |
| PFC-103M-SIL | Fanless chassis for ATX motherboard with (2) expansion slots. Silver color |

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