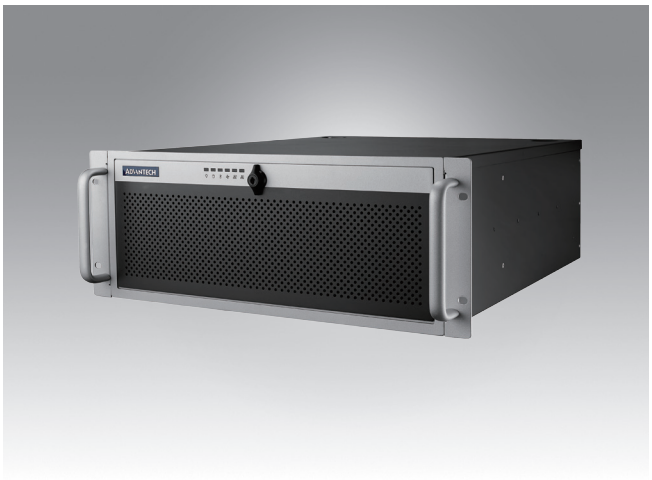
# HPC-7442

## 4U Rackmount Chassis for EATX/ATX/ MicroATX Motherboard with 4 Hot Swap Drive Trays



## Features

- Support EATX/ATX/MicroATX motherboard
- Shock-resistant disk drive bay provides four hot-swap 3.5" or 2.5" SAS/SATA disk trays, one slim optical disk drive, and one 3.5" internal drive
- With optional storage upgrade kit installed, system equipped up to eight hot-swap HDD trays for higher storage capacity requirement
- Supports 80plus single and redundant power supply
- Front-accessible system fan without opening top cover for easy maintenance
- LED indicators and alarm notification for system fault detection
- Built-in Intelligent System Module enabling whole system fan control and remote manageability

Quiet

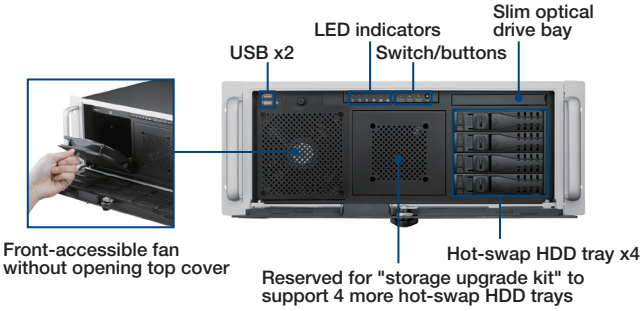
CE FCC

## Specifications

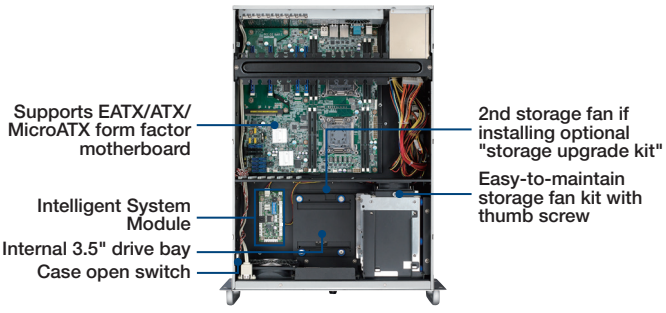
| | | External | Internal |
|---|---|---|---|
| Drive Bay | Slim Optical Drive | 1 | - |
| | 3.5" | - | 1 |
| | Hot Swap | 4 SAS/SATA HDDs (support upgrade to 8) | |
| Cooling | Fan* | 1 (12 cm /114 CFM) + 1 (8 cm/55 CFM) | |
| | Air Filter | Yes | |
| Front I/O Interface | USB 2.0 | 2 | |
| Miscellaneous | LED Indicators | Power, HDD, temperature, fan, LAN1, and LAN2 | |
| | Rear Panel | Five 9-pin D-Sub and one 68-pin SCSI openings | |
| Intelligent System Module Remote Monitoring | CPU/System fan speed, CPU/System temperature, motherboard voltage (Only selected Advantech MBs/CPU cards with SUSIAccess installed can fully enabled these functions, check with Advantech local rep. for detailed information.) | | |
| Environment | | Operating | Non-Operating |
| | Temperature | 0 ~ 40° C (32 ~ 104° F) | -40 ~ 70° C (-40 ~ 156° F) |
| | Humidity | 10 ~ 95% @ 40° C, non-condensing | 10 ~ 95% @ 60° C, non-condensing |
| | Vibration (5 ~ 500 Hz) | 1 Grms | 2 G |
| | Shock | 10 G (with 11 ms duration, half sine wave) | |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 177 x 600 mm (19" x 7.0" x 23.6") | |
| | Weight | 18.5 kg (40.68 lb) | |

* While adding the optional "storage upgrade kit", the chassis will support four more front-accessible SAS/SATA drive trays and one more (8cm/55CFM) fan for SAS/SATA drives.

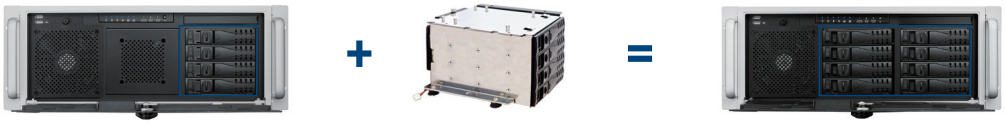
## Front View




## Inside View




### Upgrade Feature



HPC-7442 default SKU (supports 4 hot-swap HDD trays)

Storage upgrade kit (optional , 98R2744200E)

HPC-7442 8-bay SKU (supports 8 hot-swap HDD trays)

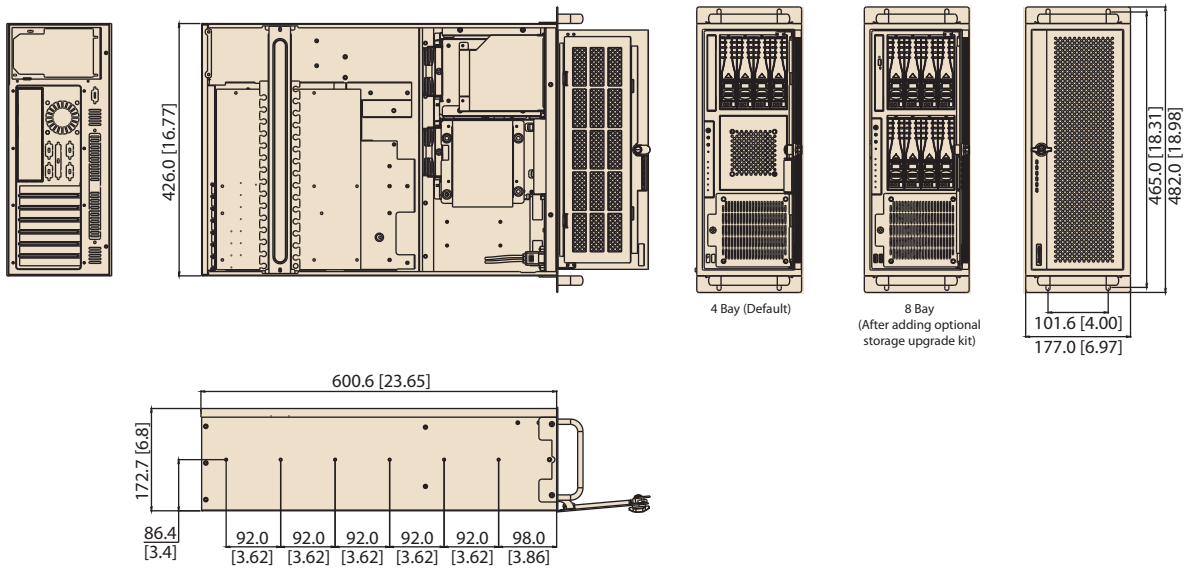


All product specifications are subject to change without notice

Last updated : 27-May-2016

## Dimensions

Unit: mm [inch]




## Ordering Information

| Part Number | Description |
|---|---|
| HPC-7442MB-00XE | Without PSU, with ATX switch |

## Packing List

| Part Number | Description |
|---|---|
| 9662132020E | Black mobile HDD tray |
| 1990021256T000 | Door filter |

## Power Supply Options

| Part Number | 80 Plus Grade | Wattage | Type | Input |
|---|---|---|---|---|
| PS8-400ATX-ZE | Bronze | 400W | Single | AC 100 ~ 240 V (full range) |
| PS8-500ATX-ZE | Bronze | 500W | Single | AC 100 ~ 240 V (full range) |
| PS8-700ATX-ZE | Bronze | 700W | Single | AC 100 ~ 240 V (full range) |
| RPS8-500ATX-XE | Bronze | 500W | ( 1+1 ) Redundant | AC 100 ~ 240 V (full range) |
| RPS8-750ATX-XE | Gold | 750W | ( 1+1 ) Redundant | AC 100 ~ 240 V (full range) |

## Optional Accessories

| Part Number | Description |
|---|---|
| 98R2744200E | Storage Upgrade Kit |
| 96CB-SATAPOWER-6P1 | SATA power wire 6-pin to big 4-pin (for slim ODD) |
| 989K008734 | Internal 3.5" to two 2.5" HDD Frame |