

# → KCH-100

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## 1U Rack Mount Chassis Backplane Version w/4VP3 ATX Backplane

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### Introduction

The KCH-100 is a slim 19" 1U rackmount chassis designed for space limited applications. This rugged, all-steel chassis meets the EIA RS-310C 19" rackmount standard, and allows installation of 4-slot butterfly PICMG backplanes for most PCI or ISA extension. The security of the KCH-100 include a lockable up-cover to protect the origin hardware change, and a lockable front door to protects drives and switched from tampering and foreign particles.

The KCH-100 provides both cost and space efficiency required in applications such CT and FireWall/networking.

### Features

- I 19-inch rack mountable chassis which meets the EIA RS-310C standard
- I Space-saving 1U steel chassis suitable for CT and FireWall/networking field
- I Passive backplane with choice of 4slot butterfly of 2 or 3 PCI bus.
- I Standard 150-watt AC AT/ATX power supply
- I Easily maintainable disk drive bays that allow mounting of one internal half-height 3.5" disk drives
- I Lockable up-cover for protecting original hardware change
- I Special modular design allows users to maintain system with minimum down time
- I Power-on switch with indicator and independent reset switch
- I Power, Hard disk, LED indicators
- I Two 6.7 CFM and one 7.5 CFM cooling fan with replaceable front-access air filter

### Specification

- I Physical Dimension (WxDxH): 19"x17.7"x1.79" ( 482.5mmx450mmx45.5mm )
- I Weight: Net:4kg Gross:5kg
- I Construction: Heavy-duty steel with aluminum front panel
- I Cooling Fan:\*Dimensions: with dust filter Left-40mmx40mmx10mmx2pcs, Right-40mmx40mmx20mmx1pcs
- I Disk Drive Bay: One internal half-height 3.5" disk drives
- I Display Indicator : \*One built-in power LED indicator \*One HDD LED indicato
- I Switch:Power On/Off Switch (rear side)
- I MTBF: 100,000 hrs
- I Power Safety: UL, CSA and TUV approved
- I EMI: FCC Class A and CISPR 22 approved

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## Specification

- I Operating Temp: 0°~45°C (32°~113°)
- I Storage Temp: 0°~75°C (32°~167°)
- I Operating Humidity:5% ~ 95%, Non-condens
- I Storage Humidity:5% ~ 95%
- I Altitude: 10,000 ft (3,000 m)
- I Vibration (operating): 1.5G Max
- I Shock: 15G peak acceleration (10 msec duration)

## Power Supply

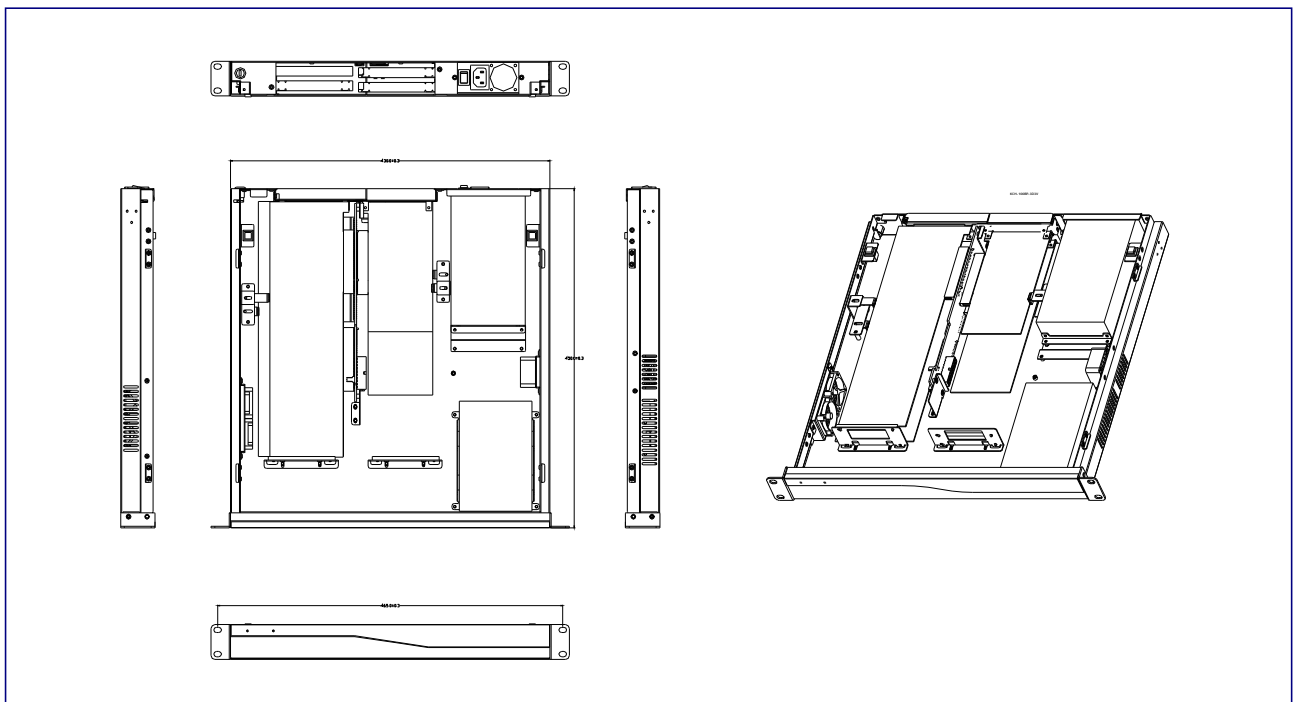
- I 150W AC ATX power supply

## Passive Backplane

- I CBP-4VP3
- I CBP-3VP2
- I CBP-3VP1

## Dimension diagram

Unit:mm



## Ordering Information

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|-----------------------|---|
| <b>KCH-100P3-150X</b> | 1U 19" Rackmount Server Chassis, w/ 150W ATX P/S, w/ CBP-4VP3 Backplane |
| <b>KCH-100P2-150X</b> | 1U 19" Rackmount Server Chassis, w/ 150W ATX P/S, w/ CBP-4VP3 Backplane |
| <b>KCH-100P1-150X</b> | 1U 19" Rackmount Server Chassis, w/ 150W ATX P/S, w/ CBP-4VP3 Backplane |