

# KCH-306

## Industrial Node Chassis



### Introduction

KCH-306 is a compact and rugged 6-slot full-size node chassis designed for space limited applications. Its rugged, sturdy, full-sealed and well-cooled steel chassis is specially designed to withstand shocks, dust, humidity, trembling vibration and high operating temperature in the harsh environment.

### Features

- 6 slot bench top chassis for space-limit application
- Passive backplane with choice of 6-slot ISA, 6-slot PICMG,
- Standard 250-watt AC AT/ATX power supply, optional redundant – with (2) 250-watt AC AT/ATX hot swappable,
- Replaceable air filter for easy cleaning
- It can be vertically or horizontally mounted and easy to fit into different space limited environment
- Serious considerations in accessibility for cabling and wiring
- Sturdy and well-cooled chassis to withstand vibration and high temperature environment
- Power, Hard disk, Keyboard lock LED indicators
- Two adjustable positions for hold-down to fix all the cards more flexibly and tightly
- One external 5.25" and 3.5" and one internal HDD drive bays

## Specifications

<b>Physical Dimension (W× D× H)</b>	- 260(W) x 408(D) x 172(H) mm - 10.2"(W) x 16.1"(D) x 6.8"(H)
<b>Weight</b>	- Net: 8.5 kg.(18.7 lb) - Gross: 9.5 kg.(20.9 lb)
<b>Construction</b>	Heavy-duty steel
<b>Cooling Fan</b>	One 12 cm (86.5 cfm) ball bearing fan
<b>Disk Drive Bay</b>	*Capable of housing up to one 5.25" and one 3.5" disk drive which are accessible from the front panel, one 5.25" and one 3.5" and disk drive space internal.
<b>Display Indicator</b>	*One built-in power LED indicator *One HDD LED indicator
<b>Switch</b>	*Power On/Off Switch *Reset Switch
<b>Connector (Rear Side):</b>	One DB9 and one DB25 Knockout One keyboard connector
<b>MTBF</b>	100,000 hr
<b>Power Safety (300W AC)</b>	UL, CSA and TUV approved
<b>EMI</b>	FCC Class A and CISPR 22 approved
<b>Operating Temp.</b>	0° ~ 50°C (32° ~ 113°F)
<b>Storage Temp.</b>	0° ~ 70°C (32° ~ 167°F)
<b>Operating Humidity</b>	5% ~ 95%, Non-condensing
<b>Storage Humidity</b>	5% ~ 95%

## Backplane Option

CBP-6I

CBP-6P4

## Power Supply Option

250W AC AT power supply

250W AC ATX power supply

300W AC AT Redundant power supply

300W DC-48V power supply

300W AC ATX Redundant power supply

## Ordering Guide

KCH-306	Industrial 6-slot Node Chassis, w/o P/S, w/o Backplane
KCH-306I-250	Industrial 6-slot Node Chassis, w/ 250W AT P/S, w/ CBP-6I Backplane
KCH-306P4-250	Industrial 6-slot Node Chassis, w/ 250W AT P/S, w/ CBP-6P4 Backplane