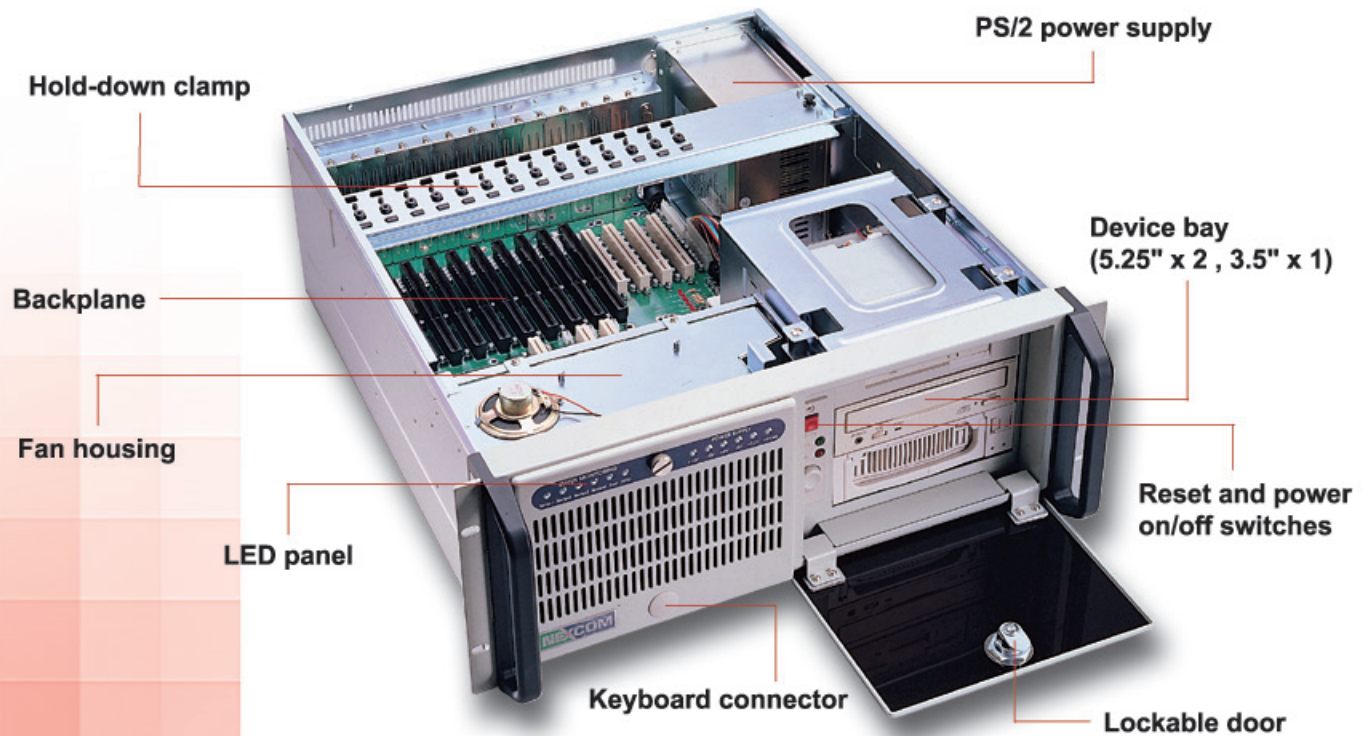


## Industrial Computer Series

# PCK 500

## 4U 14 Slot Rackmount Chassis



### Introduction

The PCK 500 rackmount chassis is a rugged 19-inch 4U case in plated steel. It can be integrated with a 14- or sub-14-slot backplane. PS/2 type 270W, 300W or 250W redundant power supply is used. It is designed to incorporate the high-end "Nexcare" fault detecting monitor system that can be remotely controlled through modem or LAN for power voltage failure, fan failure and overheating inside the chassis.

### Features

- ◆ Electroplated zinc main steel frame reinforces grounding to minimize electromagnetic.
- ◆ Cooling system consists of long life 12cm ball bearing fan and removable filter in order to let clean air flowing through all plug-in cards.
- ◆ Two 5.25" and one 3.5" external and one 3.5" internal device bay with compact rubber mount.
- ◆ Be able to incorporate advanced fault detecting monitor module "Nexcare" which can be remotely controlled by modem or LAN for power voltage failure, fan failure, and overheating inside the chassis.(optional)
- ◆ Lockable door in front of control panel.
- ◆ The no use-screw Hold-down clamp designed protects cards from vibration. The flexible clamp is designed for various size cards.
- ◆ Top cover removes without the using of screwdriver.
- ◆ Support 12 long cards.



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# PCK 500

## Specifications

**Construction:** electroplated zinc main steel frame.

**Disk drive bays:** front accessible two 5.25", one 3.5" and one internal 3.5" device bay with grounding system and anti-vibration mounting.

**Dimension:** 483mm(W) x 177(H) x 510(D) 19"(W) x 7"(H) x 20.1"(D)

**Cooling system:** One 12cm ball bearing fan (108CFM) and removable air filter at front panel (flow in). Airflow can flow out of the chassis through the airing hole at the rear side panel and the fan of power supply. 12cm fan can up to 2 sets (optional).

**Hold-down clamp:** Flexible hold-down bar can fix plug-in cards.

**Front panel indicators:**

1. Standard: HDD LED indicator, power on/off LED indicator.

2. Option: The monitor of power supply LED for  $\pm 12V$ ,  $\pm 5V$  +3.3V and 5V standby, Fan status monitor LED, HDD status monitor LED, four set temperature status monitor LEDs. (It is option and incorporates with "Nexcare")

**Front panel switches:** Power reset switch, Power ON/OFF switch.

**Keyboard connector:** AT keyboard connector at front panel.

**GW:** 19KG

**Operating temperature:** 32-122°F (0 to 50°C).

**Relative humidity:** 20-90% non-conditioning at 104°F (40°C).

**CE compliant**

## Power Supply Options

Model Name	Specifications				
	Watt	Input	Maxi-load	Mini-load	MTBF
BPS-270A	270W	Auto-switch 90-132VAC 180-264VAC	+5V @30A +12V @10A -5V @0.5A -12V @0.5A	+5V @3A +12V @1A	50,000 hour at 25°C
BPS-320A	320W	Auto-switch 90-132VAC 180-264VAC	+5V @30A +12V @14A -5V @0.5A -12V @0.5A	+5V @3A +12V @1A	50,000 hour at 25°C
BPS-320AX	320W	Auto-switch 90-132VAC 180-264VAC	+5V @30A +3.3V @20A (5V and 3.3V total 150W) +12V @14A -5V @0.5A -12V @0.5A 5sb @1.5A	+5V @3A +3.3V @3A +12V @1A	50,000 hour at 25°C
BPS-270RDA	250W	Auto-switch 90-132VAC 180-264VAC	+5V @30A +12V @14A -5V @0.5A -12V @0.5A	+5V @3A +12V @1A	50,000 hour at 25°C

TUV, CSA, UL and CE approved

## Backplane Options

	Slot			Segment
	CPU	ISA	PCI	
NBP 1304L	1	8	4	1
NBP 1404	1	9	4	1
	1	10	3	1
NBP 1407	1	6	7	1
NBP 1412	1	1	12	1

## Model Available

### PCK 500/270

- chassis with 270W AT power supply.

### PCK 500/320

- chassis with 320W AT power supply.

### PCK 500/320A

- chassis with 320W ATX power supply.

### PCK 500/270R

- chassis with 250W redundant power supply.

### PCK 500/320A/MB

- chassis with 320W ATX power supply and support ATX motherboard.

## Mechanical Drawing

unit:mm

