

# RoHS

Our policy for  
the EU RoHS/ WEEE Directives

ICP DAS produces a wide range of electronic sub-assemblies (embedded boards and sub-systems) and end-user electrical / electronic equipment. These products are integrated into end-user equipment for a variety of applications or installed with other equipment. It is the responsibility of the equipment producer, such as ICP DAS, to comply with the RoHS Directive. ICP DAS will support customers by providing RoHS compliant products for many existing products together with new products. However in some OEM cases outside the scope of the RoHS Directive, we will also maintain normal supplies of lead-based products for customers placing their electrical and electronic equipment onto the market without EU.

Although ICP DAS is not covered by the WEEE Directive, the ICP DAS products are assuring compliance to all local and international laws and regulations that apply. ICP DAS identifies lead-free RoHS compliant products using a unique part number and by adding a CR to the product name. CR( Compliant RoHS ) means following the RoHS Directive ( Directive 2002/95/EC ) defined by EU and considers a product to be RoHS-compliant if the maximum concentration value is up to 1000ppm by weight in homogeneous materials for lead, mercury, hexavalent chromium, brominated flame retardants ( PBBs and PBDEs ), and is up to 100ppm by weight in homogeneous materials for cadmium.

## RoHS Compliant Status

The status of each product is indicated on the individual Webpage / Datasheet / Box / Case used the symbols shown below.

✓  
RoHS

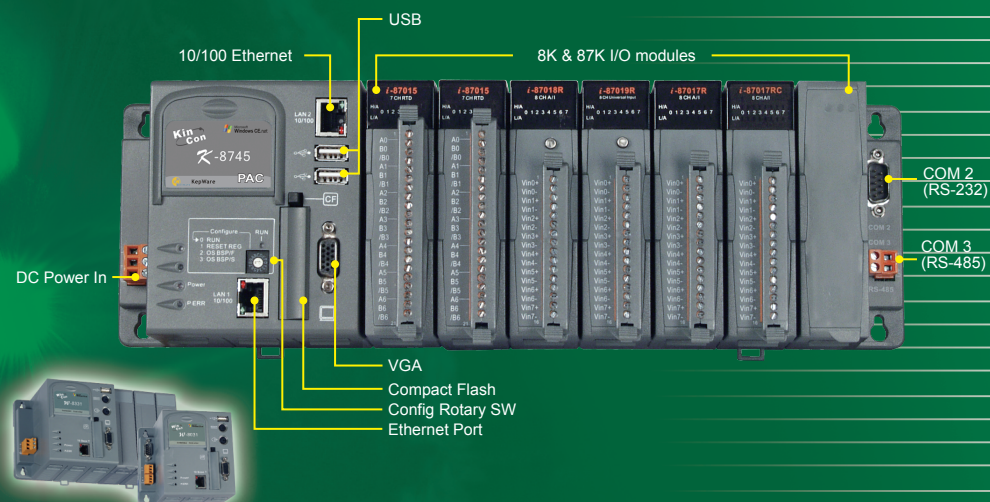
Your Local Distributor

ICPCON



Intel Strong ARM, PAC  
(Programmable Automation Controller)

**KinCon-8000+ProVisIT=Machine Visualization PAC**



WinCon-8000 Series  
Compact PAC



I-8000 Series  
Compact PAC



I-7188 Series  
µPAC



I-7000 Series  
M-7000 Series  
Remote I/O Modules



SG-3000  
Signal Conditioner



SCADA software  
Soft PLC  
OPC.OCX

Vol.6.4

CE Approved  
www.icpdas.com



# LinCon-8000 series

## Linux PAC (Programmable Automation Controller)

Powered by reliable, rugged and higher performance real-time Embedded Linux



### Hardware Specifications

The same hardware specifications of WinCon-8000 series

- Intel Strong ARM CPU, 206 Mhz
- 64M bytes SDRAM
- 32M bytes Flash Memory
- 1 x USB 1.1 Host
- 2 x PS/2 port (keyboard and mouse)
- 1 x VGA port (800 x 600)
- 1 x RJ45, 10 Base T
- COM 2: RS-232
- COM 3: RS-485
- I/O Expansion slot: 0 / 3 / 7

### Software Specifications

OS: Embedded Linux

- SDK For Accessing ICP DAS I/O modules
- Cross Platform SDK For Microsoft desktop OS
- X-Windows based Graphical User Interface
- Java Supported
- Built-in HTTP, FTP, TELNET, SSH and SFTP Servers
- I/O Expansion slot: 0 / 3 / 7

### Ordering Information



**LinCon-8031-G**

Linux PAC without I/O Expansion slot



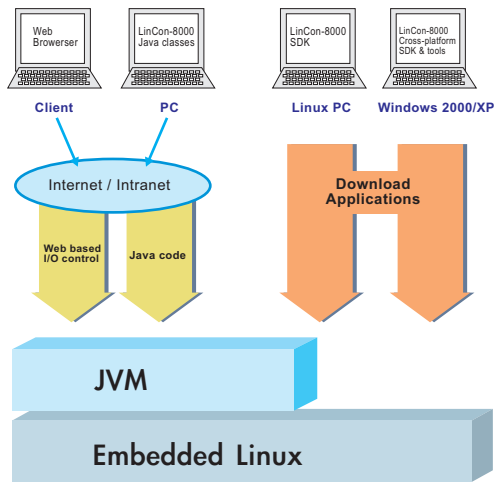
**LinCon-8331-G**

3 I/O slot Linux PAC



**LinCon-8731-G**

7 I/O slot Linux PAC

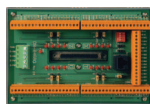


# Motion Control Modules For 8000 PAC Series

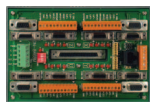
**NEW**



I-8094F



**DN-8468GB:** For General Purpose Usage



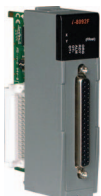
**DN-8468MB:** For Mitsubishi Servo Amplifier



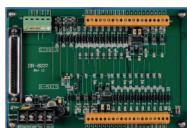
**DN-8468PB:** For Panasonic Servo Amplifier

## I-8094F: 4-Axes motion control module.

- Independent & Synchronous 4-axes motion control
- Support for manual Pulse generator and jog function
- 2~3 axes linear & 2 axes circular interpolation function
- Continuous interpolation function
- Programmable T/S-curve acceleration and deceleration
- A maximum of 4M pps pulse output rate for each axis
- Pulse output types: CW/CCW or Pulse/Direction
- 32-bit encoder counter for each axis
- Encoder input types: A/B phase or Up/Down
- Programmable automatic homing for each axis
- Position comparison management and software limits
- FRnet distributed I/O: 128 DI & 128 DO.
- Many synchronous actions(event-triggered actions)
- Development software: Win CE ► eVC/VC.Net/VB.net  
MiniOS7 ► TC3.0/MSC/BC3.1



I-8092F



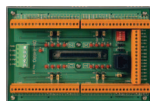
**DN-8237:** For General Purpose Usage

## I-8092F: 2-Axes motion control module.

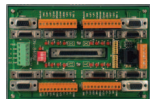
- Independent 2-axes motion control
- Support for manual Pulse generator and jog function
- 2 axes linear & circular interpolation function
- Programmable T/S-curve acceleration and deceleration
- A maximum of 4M pps pulse output rate for each axis
- Pulse output types: CW/CCW or Pulse/Direction
- 32-bit encoder counter for each axis
- Encoder input types: A/B phase or Up/Down
- FRnet distributed I/O: 128 DI & 128 DO
- Development software: Win CE ► eVC/VC.Net/VB.net  
MiniOS7 ► TC3.0/MSC/BC3.1



I-8094H



**DN-8468GB:** For General Purpose Usage



**DN-8468MB:** For Mitsubishi Servo Amplifier



**DN-8468PB:** For Panasonic Servo Amplifier

## I-8094H: 4-Axes motion control module + On board CPU.

- Full function of I-8094F
- On board CPU: 80MHz
- On board SRAM: 512KB
- On board FRAM: 128KB
- On board EEPROM: 512KB
- Build-in Mini OS7( DOS like)
- Support Macro Function
- Support Macro program
- Development software: Win CE ► eVC/VC.Net/VB.net  
MiniOS7 ► TC3.0/MSC/BC3.0
- Expandable distributed I/O: 128 DI & 128 DO Via two-wired FRnet interface

**coming soon**