

# ICS-410V

10.4" 5U Industrial LCD Workstation with 14 PCI/ISA Slots

*New*



Front view of drive bays and power switch

## Features

- ▶ 10.4" TFT LCD and 14 PCI/ISA slots
- ▶ VGA interface-compatible with all full/half-size CPU card
- ▶ Easy-to-maintain: front accessible USB & PS/2 port
- ▶ Flexible 66 membrane keypad & 12 function key
- ▶ Two internal 3.5" HDD design: easy-to-backup data
- ▶ Backplane & ATX motherboard supported
- ▶ Resistive touch screen supported



Top view with 14-slot backplane

## Introduction

The ICS-410V is a 14-slot 5U Rackmount Workstation with an 10.4" LCD display and a front panel function & data-entry keypad. This workstation is a fully-functional and cost-effective Industrial Automation Controller. The ICS-410V is available with several backplane combinations and power supplies, which can be applied to versatile applications. The built-in VGA A/D board ensures that the system is compatible with a variety of Single Board Computers from most vendors. The front panel OSD controller allows users to move the LCD into the best position for any environment. To enhance the system for easy maintenance and upgrade, two USB ports, 12 function keypad & 66 data-entry keypad have been built-in to the front panel. The air filter is located on the external top-cover, which minimizes the system down time for air filter replacement. This ideal industrial-grade workstation can be applied to various industrial projects, such as transportation, factory automation, environmental surveillance, and more.

## Specifications

Front Bezel	IP65, NEMA 4/12 rugged protection	
Construction	Heavy-duty steel	
Flat Panel Display	Display Type	10.4" TFT LCD active matrix
	Resolution	800 x 600
	Luminance	230 cd/m <sup>2</sup>
	Contrast Ratio	250:1
	Viewing Angle (Degree)	(H) 120°, (V) 100°
	Backlight MTBF	20000 hours
Drive Capacity	External 1 x 5.25" and internal 2 x 3.5" drive	
Cooling	One 12cm ball bearing fan	
Data Entry	Sealed membrane programmable keypads	
	- 66 data-entry keys	
	- 12 function keys	

Front Panel Controls	Power, reset switches and key-lock	
Front Panel I/O	Two USB, one keyboard / mouse port	
System Board Selections	ISA Interface	SBC82630
	PCI Interface	SBC81822VEL ; SBC81613
Operating Temperature Range	0°C (32°F) to 50°C (122°F)	
Dimensions	19" (482.6mm) (W) x 17.8" (452mm) (D) x 7" (177mm) (H)	

## Ordering Information

Models	Slots per Segment (ISA/PCI/CPU)		Segment
ATX6022/13L	8 / 4 / 1		Single
ATX6022/14	9 / 4 / 1		Single
ATX6022/14G	1 / 12 / 1		Single
ATX6020/14	14 / 0 / 0		Single
ATX6022/14D	2 / 4 / 1		Dual

  

Watt	Input	Output	MTBF	Safety
300W AT	AC 115V~230V	+5V @ 30A, -5V @ 1A +12V @ 10A, -12V @ 1A	100,000	UL/CSA
300W ATX	AC 115V~230V	+5V @ 30A, -5V @ 0.5A +12V @ 15A, -12V @ 0.5A	100,000	UL/CSA
300W ATX(w/PFC)	AC 90V~260V	+5V @ 30A, -5V @ 0.5A +12V @ 15A, -12V @ 0.8A	50,000	UL/CSA
250W AT	19V <sub>dc</sub> ~ 32V <sub>dc</sub>	+5V @ 25A, -5V @ 1A +12V @ 10A, -12V @ 1A	100,000	UL/CSA
250W AT	40V <sub>dc</sub> ~ 57V <sub>dc</sub>	+5V @ 25A, -5V @ 1A +12V @ 10A, -12V @ 1A	100,000	UL/CSA

## Accessory

GHA-FM01	5.25" to 3.5" HDD/FDD drive holder
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## Dimensions

