

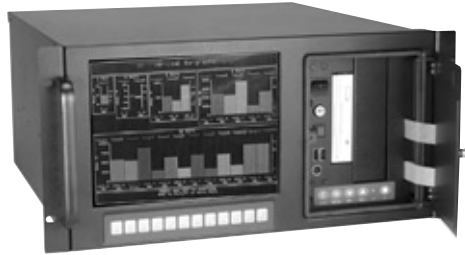
ICS-410V

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



Features

- ▶ 10.4" TFT LCD and 14 PCI/ISA slots
- ▶ VGA interface-compatible with all full/half-size CPU cards
- ▶ 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 touchscreen supported



Front view of drive bays and power switch



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

Construction	Heavy-duty steel	
Flat Panel Display	Display Type	10.4" TFT LCD active matrix
	Resolution	800 x 600
	Luminance	230 cd/m ²
	Contrast Ratio	250:1
	Viewing Angle	60/60/35/65 (L/R/U/D)
	Backlight MTBF	20,000 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	ISA Interface	SBC82630
	Selections	PICMG Interface SBC81822; SBC81613; SBC81820
Dimensions	482.6mm(19")(W) x 426.5mm(16.79")(D) x 221.5mm(8.7")(H)	
Weight	22.3 kg (49.16 lb)	
Environmental	Operation temperature: 0°-50°C (32°-122°F)	
	Relative humidity: 10-95% @ 40°C, non-condensing	
	Operation Vibration: 1.0G, 5-500Hz, random	

Ordering Information

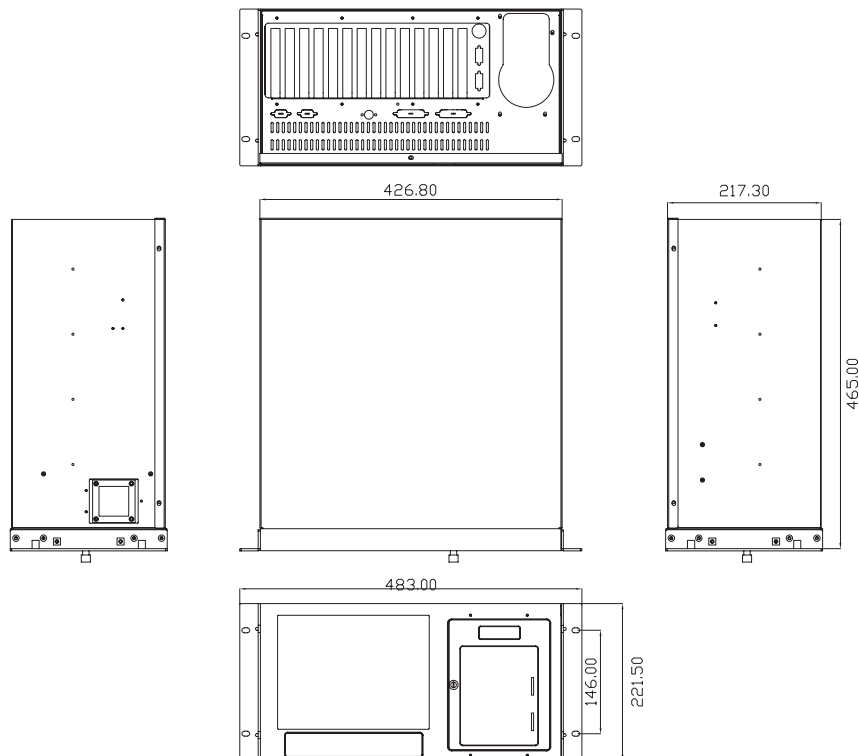
ICS-410V-R	10.4" Industrial workstation w/ resistive T/S
ICS-410V-G	10.4" Industrial workstation w/ tempered glass

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(w/PFC)	AC 90V~260V	+5V @ 30A +12V @ 15A, -12V @ 0.8A	50,000	UL/CSA
250W AT	19V _{dc} ~ 32V _{dc}	+5V @ 25A, -5V @ 1A +12V @ 10A, -12V @ 1A	100,000	UL/CSA
250W AT	40V _{dc} ~ 57V _{dc}	+5V @ 25A, -5V @ 1A +12V @ 10A, -12V @ 1A	100,000	UL/CSA



Dimensions



Accessory

GHA-FM01	5.25" to 3.5" HDD/FDD drive holder
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Medical Panel Computer

PANEL2000 Slim Client Panel Computers

GOT Fanless Touch Panel Computers

PANEL 1000/5000 Industrial Panel Computers

Industrial Workstations

PANEL6000 Industrial Flat Panel Monitors