

ICS-480V

4U Industrial Workstation with 8.4" LCD & 14 Slots Backplane



FEATURES

- ▶ 8.4" TFT flat panel
- ▶ Industrial standard 4U height 19" rackmount chassis
- ▶ VGA A/D Board compatible with all full-size & half-size SBC
- ▶ Build-in front accessible USB ports
- ▶ High computing power with Intel® Pentium®, Celeron®, Pentium® III, and Pentium® 4 processors
- ▶ Membrane keypads with 12 function keys and 65 data entry keys

INTRODUCTIONS

The ICS-480V is a 14-slot 4U Rackmount Workstation with an 8.4" LCD display and a front panel function & data-entry keypad. This workstation is a fully-functional and cost-effective Industrial Automation Controller. The ICS-480V 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 & 65 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	8.4" TFT LCD active matrix
	Resolution	800 x 640
	Luminance	150 cd/m ²
	Contrast Ratio	250:1
	Viewing Angle (Degree)	Top / Bottom / Left / Right 60 / 60 / 40 / 40
	Backlight MTBF	20000 hours
Drive Capacity	Expose 3 x 5.25" and internal 1 x 3.5" drive	
Cooling	One 12cm ball bearing fan	
Data Entry	Sealed membrane programmable keypads - 65 data-entry keys - 12 function keys	
Front Panel Controls	Power, reset switches and key-lock	
Front Panel LED	Power LED & HDD LED	
Front Panel I/O	Two USB, one keyboard / mouse port	
Pre-punched Panel	2 x 9-pin; 1 x 25-pin on rear	
System Board Selections	ISA Interface	SBC82630
	PICMG Interface	SBC81822VEL ; SBC81613
Speaker	One 0.25W speaker	
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)	

* All the specifications and photos are subjected to be changed without notice.

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

Watt	Input	Output	Mini-load	Safety
300W ATX / AT	AC 90 ~ 133V	+5V @ 30A, -5V @ 0.5A	+5V @ 3A	UL / CUL / CB / EN60950
	AC 180 ~ 265V	+12V @ 15A, -12V @ 0.5A +3.3V @ 14A, +5Vsd @ 2A	+12V @ 0.5A +3.3V @ 0.5A	
250W AT	19VDC ~ 32VDC	+5V @ 25A, -5V @ 1A	+5V @ 1A	UL / CSA / EN60950
		+12V @ 10A, -12V @ 1A		
250W AT	40VDC ~ 57VDC	+5V @ 25A, -5V @ 1A +12V @ 10A, -12V @ 1A	+5V @ 1A	UL / CSA / EN60950

SBC OPTIONS

Single Board Computer Options

SBC81822VE	Socket 478 Full-size SBC w/ Intel(r) 82845GV FSB 533MHz, 10/100 Fast Ethernet, 6 x USB V2.0 ports.
SBC81613VE	Socket 370 Full-zise w/VIA VT8606 FSB133MHz, 10/100 Fast Ethernet, 4 x USB V1.1 ports.

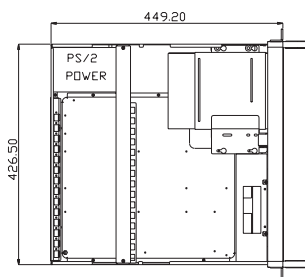
* The ICS-480V compatible with all SBC with 9pin D-Sub VGA connector.

ACCESSORIES

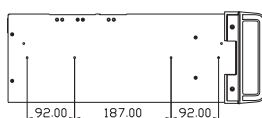
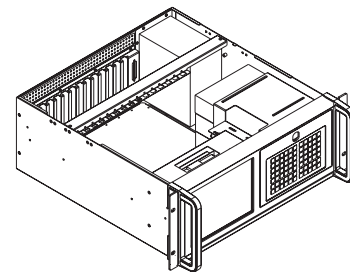
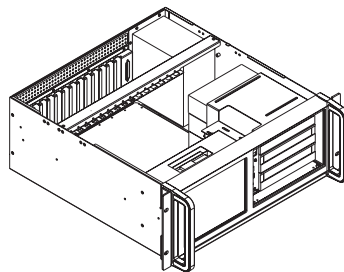
GHA-FM01	5.25" to 3.5" HDD/FDD drive holder
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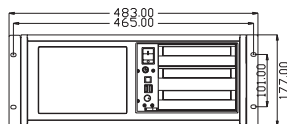
DIMENSIONS



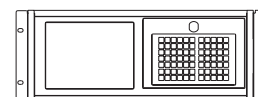
Top View



Left-side View



Front in-side view



Front out-side view