

# EC-1040G

4U 14-slot Rackmount LCD Workstation

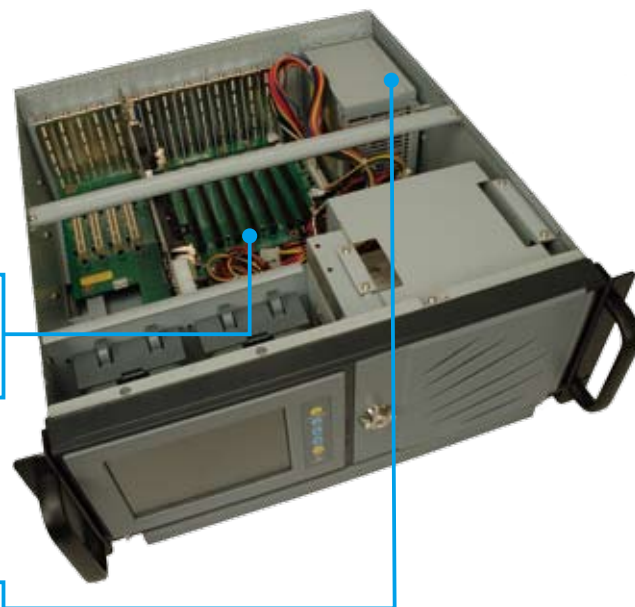


## Features

1. 6.5" TFT LCD with fully functional OSD
2. Multi-function thermal alarm system
3. Optional KM-088G (keyboard and touch pad module)
4. Flexible driver combination
5. PICMG 1.3 backplane and Redundant power supply support
6. Advanced air-flow design

## Backplane & Power Supply Options

Backplane Model No.	SBC Type	PCI	ISA	PCI-E			PSU Connector
				X1	X4	X16	
PCI-13SD-RS-R30	PICMG 1.0	3+4	3+3	0	0	0	AT/ATX
PCI-14S2-RS-R30	PICMG 1.0	4	8	0	0	0	AT/ATX
PCI-14S3-RS-R30	PICMG 1.0	4	9	0	0	0	AT/ATX
PX-14S3-RS-R30	PICMG 1.0	12	2	0	0	0	AT/ATX
PX-14S5-RS-R30	PICMG 1.0	7	6	0	0	0	AT/ATX
BP-14S-RS-R30	ISA	0	14	0	0	0	AT
PXAGP-13S3-RS-R30	PIAGP	11	0	0	0	0	AT/ATX
PE-13SD	PICMG 1.3	4	0	5	0	2	ATX
PXE-13S	PICMG 1.3	8	0	3	0	1	ATX
PXE-13S2	PICMG 1.3	4	0	7	0	1	ATX
PXE-13S3	PICMG 1.3	3	0	0	8	1	ATX



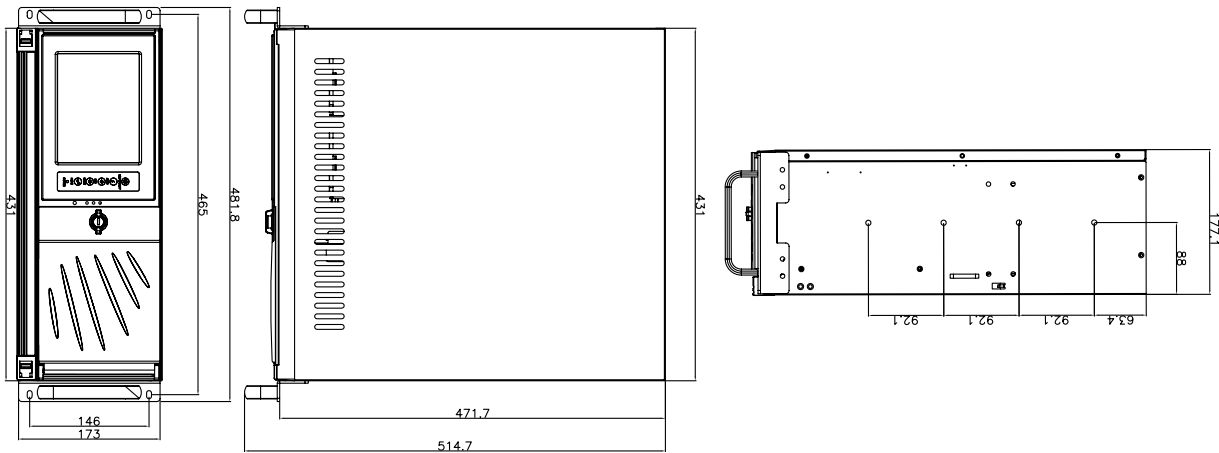
**PICMG 1.3 Support**

Type	Model No.	Watt
AT	ACE-935AL-RS	300W
	ACE-940AP-RS	390W
ATX	ACE-832AP-RS	250W
	ACE-841AP-RS	480W
	ACE-850AP-RS	500W
Redundant Power Support	ACE-R4130AP-RS	300W

## Specifications

Construction	Heavy Duty Metal	Color	Black
SBC Form Factor	EC-1040GB – Full size slot CPU card EC-1040GBATX – ATX or Micro ATX	Weight (Net / Gross)	15.3kg / 28.8kg
Drive Bays	3 x 5.25" + 1 x 3.5"	Dimension	480mm x 431mm x 176mm
Cooling Fans	2 x 8 cm	Touch Screen	Optional 4-wire resistive type with RS-232 interface
I/O openings	2 x COM, 1xPS/2	<b>LCD Spec</b>	
Expansion Slots	14 slots for EC-1040G 7 slots for EC-1040GATX	Size	6.5 "
Indicators	1.Temperature 2.LAN 3.Fan	Resolution	640 x 480 (VGA)
Buttons	1.Power switch 2.System reset	Brightness	400 cd/m <sup>2</sup>
Operating Shock	10G acceleration peak to peak (11ms)	Contrast	550:1
Operating Vibration	5~17Hz 0.1" double amplitude displacement 17~640 Hz 1.5G acceleration peak to peak	Viewing Angle	140 / 120
Operating Temp.	0 ~ 50°C	Backlight MTBF	50000 hrs
Operating Humidity	5 ~ 95% @ 60° C, non-condensing	LCD Color	262k

## Ordering Information



## Flexible driver combination



IEI EC-1040G provides versatile drive combination for all kinds of usage. User can easily integrate every size of media drive for their needs.

1 x 3.5" HDD or  
1 x 3.5" Floppy



1 x 5.25" to 3.5" Adaptor bracket

1 x 5.25" Optical Drive

1 x 5.25" IDE/SATA Removable Drive Bay

## Rear View of EC-1040G

EC-1040GBX



- Works with backplane
- 14 expansion slots

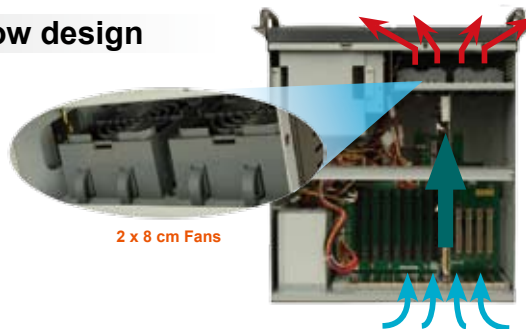
EC-1040GBATX



- Works with ATX motherboard
- 7 expansion slots

## Advanced air-flow design

Thermal condition is the most important issue of new generation IPCs. IEI's "Single way" design provides you higher system performance capability and more flexibility for the environment.



## Option KM-088G

KM-088G is 88 Keys and Touch Pad Module. Standard support of English version keyboard and optional Japanese, German, French, Italian, Chinese, Russian version keyboard support of media drive for their needs.



88 Keys with 7 Language versions

Touch Pad

## Ordering Information

EC-1040GB/ACE-832AP	4U Rack Mount LCD Chassis with 6.5" 400 cd/m <sup>2</sup> VGA TFT LCD, ACE-832AP-RS, RoHS
EC-1040GB/ACE-832AP/T-R	4U Rack Mount LCD Chassis with 6.5" 400 cd/m <sup>2</sup> VGA TFT LCD, ACE-832AP-RS and touch screen, RoHS
EC-1040GBATX/ACE-832AP	4U Rack Mount LCD Chassis for ATX MB with 6.5" 400 cd/m <sup>2</sup> VGA TFT LCD, ACE-832AP-RS, RoHS
EC-1040GBATX/ACE-832AP/T-R	4U Rack Mount LCD Chassis for ATX MB with 6.5" 400 cd/m <sup>2</sup> VGA TFT LCD, ACE-832AP-RS and touch screen, RoHS

### Option

KM-088G- 

 : Language code

EN: English, JP: Japanese, DE: German, FR: French, IT: Italian, RU: Russian, CH: Chinese