

EC-1040G

4U 14-slot Rack Mount LCD Workstation



Features

1. 6.5" TFT LCD with OSD control panel
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	PCIe			PSU Connector
				X1	X4	X16	
PCI-13SD-RS-R40	PICMG 1.0	3+4	3+3	0	0	0	AT/ATX
PCI-14S2-RS-R40	PICMG 1.0	4	8	0	0	0	AT/ATX
PCI-14S3-RS-R40	PICMG 1.0	4	9	0	0	0	AT/ATX
PX-14S3-RS-R41	PICMG 1.0	12	2	0	0	0	AT/ATX
PC-14S5-RS-R41	PICMG 1.0	7	6	0	0	0	AT/ATX
BP-14S-RS-R40	ISA	0	14	0	0	0	AT
PXAGP-13S3-RS-R30	PIAGP	11	0	0	0	0	AT/ATX
PE-13SD-R40	PICMG 1.3	2/2	0	0/4	1/0	1/1	ATX
PXE-13S-R42	PICMG 1.3	8	0	3	0	1	ATX



Type	Model No.	Watt
AT	ACE-935AL-RS	300W
	ACE-T140A-RS	400W
ATX	ACE-A130B-R10	300W
	ACE-A140A-R10	400W
	ACE-A140A-S-R10	400W
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)	15.3 kg / 28.8 kg
Drive Bays	3 x 5.25" + 1 x 3.5"	Dimensions	480 mm x 431 mm x 176 mm
Cooling Fans	2 x 8 cm	Touch Screen	Optional 4-wire resistive type with RS-232 interface
I/O Openings	2 x COM, 1x PS/2	LCD Spec	
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	800 cd/m ²
Operating Shock	10G acceleration peak to peak (11ms)	Contrast	600:1
Operating Vibration	5-17Hz 0.1" double amplitude displacement 17-640 Hz 1.5G acceleration peak to peak	Viewing Angle	160° / 140°
Operating Temperature	0°C ~ 50°C	Backlight MTBF	50000 (LED Backlight) hrs
Operating Humidity	5% ~ 95% @ 60° C, non-condensing	LCD Color	262k

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IEI Mobile Solutions

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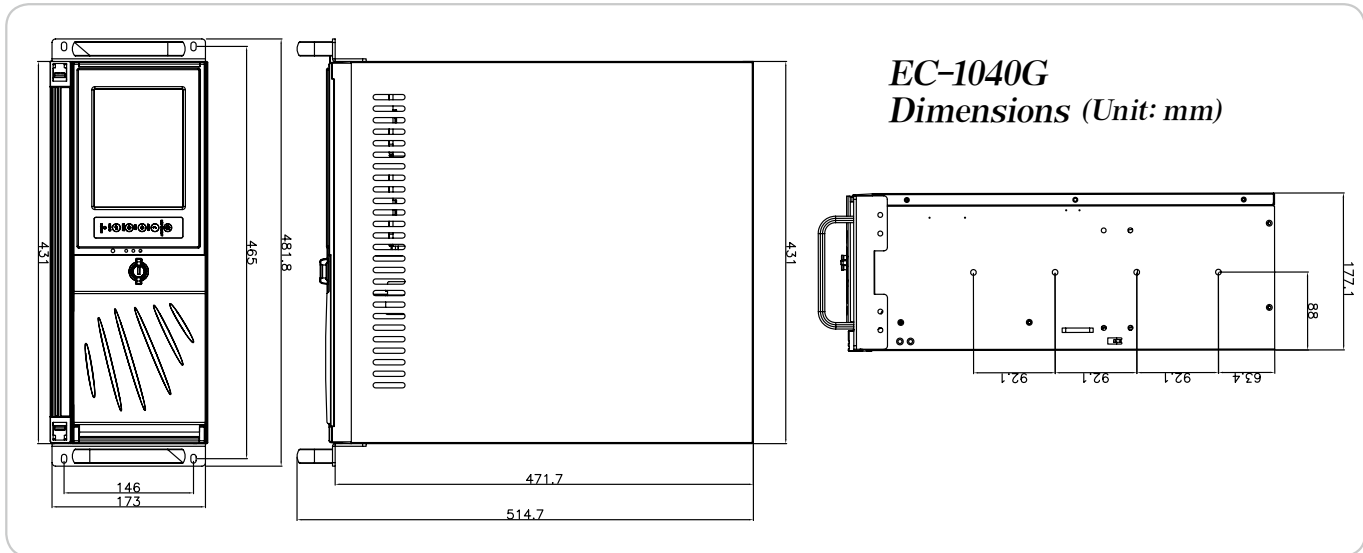
Automation Panel Solutions

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PACsmate Medical Solutions

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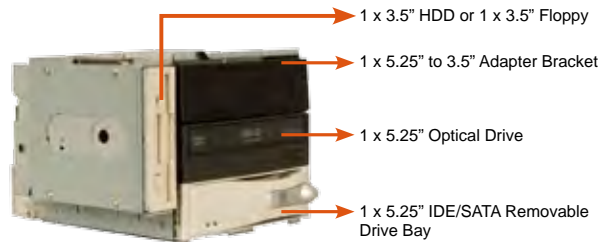
Optional Peripherals



Flexible drive combination



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



Rear view of EC-1040G

EC-1040GBX



- Works with backplane
- 14 expansion slots

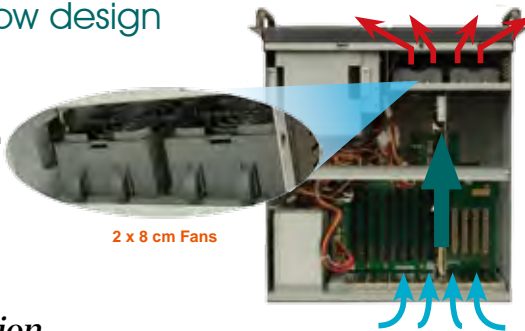
EC-1040GBATX



- Works with ATX motherboard
- 7 expansion slots

Advanced air-flow design

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



Optional KM-088G

The KM-088G is an 88-key touch pad module. The standard version is with English keyboard and optional Japanese, German, French, Italian, Chinese, or Russian version keyboard is available. It also supports media drive for their needs.



88 Keys with 7 Languages

Touch Pad

Ordering Information

Part No.	Description
EC-1040GB / A130B-R30	4U Rack mount LCD chassis with 6.5" 800 cd/m ² VGA TFT LCD, ACE-A130B-R10, RoHS
EC-1040GB / A130B / R-R30	4U Rack mount LCD chassis with 6.5" 800 cd/m ² VGA TFT LCD, ACE-A130B-R10 and touch screen, RoHS
EC-1040GBATX / A130B-R30	4U Rack mount LCD chassis for ATX MB with 6.5" 800 cd/m ² VGA TFT LCD, ACE-A130B-R10, RoHS
EC-1040GBATX / A130B / R-R30	4U Rack mount LCD chassis for ATX MB with 6.5" 800 cd/m ² VGA TFT LCD, ACE-A130B-R10 and touch screen, RoHS
Optional	
KM-088G-[L]-R20	[L] : Language code EN: English, RU: Russian