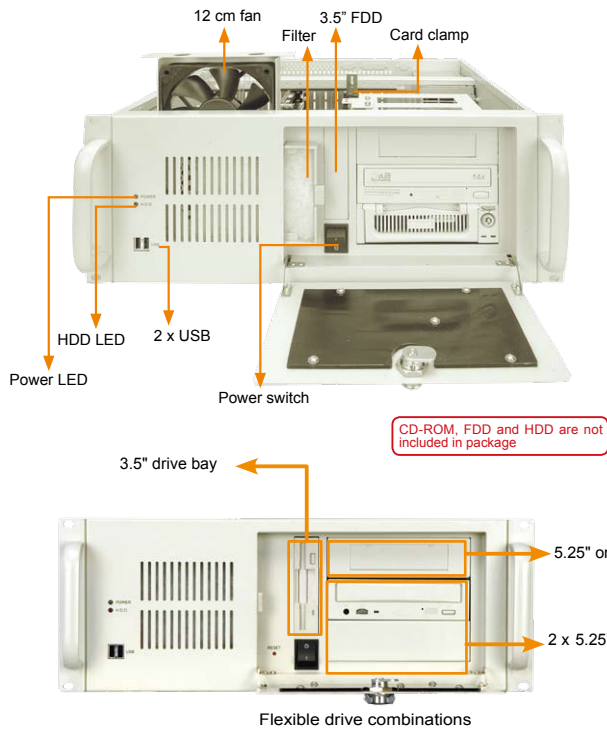


RACK-360G

4U 14-slot Full-size Rackmount Chassis



RACK-360GW



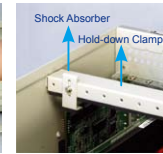
RACK-360GB



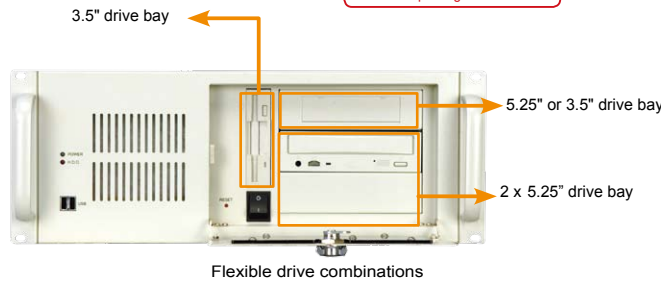
Replaceable Fan Filter



Front accessible I/O



Anti-vibration Card Clamp



Flexible drive combinations

Features

- ◆ Cost effective, RoHS compatible design
- ◆ Flexible drive combinations
- ◆ Two USB ports on the front panel
- ◆ 12 cm cooling fan with replaceable fan filter
- ◆ Lockable door prevents unauthorized access

Specifications

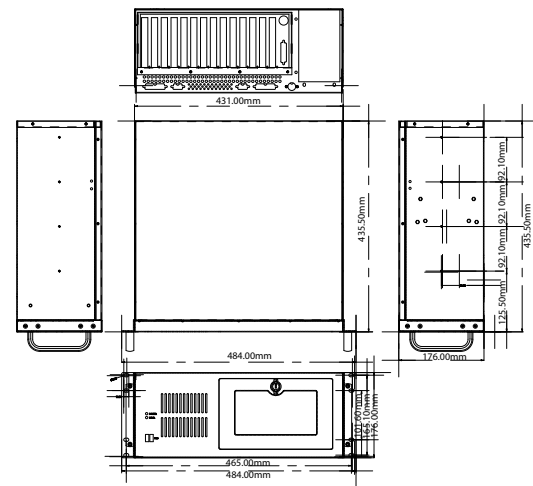
◆ Construction	Heavy duty metal
◆ SBC Form Factor	Full-size, slot CPU card
◆ Drive Combinations	3 x 5.25" + 1 x 3.5" HDD or 2 x 5.25" + 2 x 3.5" HDD or 2 x 5.25" + 1 x 3.5" HDD + 1 x front accessible 3.5" or 2 x 5.25" + 2 x front accessible 3.5"
◆ Cooling Fans	1 x 12 cm
◆ I/O Ports	2 x USB
◆ I/O Openings	2 x COM, 2 x LPT
◆ Expansion Slots	14 slots for RACK-360G 7 slots for RACK-360GATX
◆ Indicators	Power, HDD
◆ Buttons	Power switch, reset button
◆ Operating Temperature	0°C~50°C
◆ Operation Humidity	10% ~ 90%
◆ Color	B: Black / W: White
◆ Weight (Net/ Gross)	11 kg / 15.4 kg
◆ Dimension (DxWxH)	435.5 mm x 431 mm x 176 mm

Ordering Information

Part No.	Description
RACK-360G [C] /ACE-935AL	4U 14-slot rackmount chassis, with ACE-935AL-RS, RoHS
RACK-360G [C] /ACE-832AP	4U 14-slot rackmount chassis, with ACE-832AP-RS, RoHS
RACK-360G [C] ATX/ACE-832AP	4U ATX MB rackmount chassis, with ACE-832AP-RS, RoHS

[C] Color Code: B-Black W-White

Dimensions



Backplane Options

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
PX-14S5-RS-R41	PICMG 1.0	7	6	0	0	0	AT/ATX
BP-14S-RS-R40	ISA	0	14	0	0	0	AT
PE-6S-R41	PICMG 1.3	2	0	2	0	1	ATX
PE-10S-R40	PICMG 1.3	4	0	4	0	1	ATX
PE-10S2-R40	PICMG 1.3	4	0	4	0	1	ATX
PE-13SD-R40	PICMG 1.3	4	0	4	1	2	ATX
PXE-13S-R42	PICMG 1.3	8	0	3	0	1	ATX
SPXE-14S	PICMG 1.3	0	0	12	0	0	ATX

Power Supply Options

Type	Model No.	Watt
AT	ACE-935AL-RS	300W
	ACE-940AP-RS	390W
ATX	ACE-841AP-S-RS	400W
	ACE-850AP-RS	500W
	ACE-4860AP-RS	600W
ATX Reduandant	ACE-R4130AP-RS	300W

RACK-360G can support single PS/2 PSU. For more models of IEI PSU, please visit www.ieiworld.com

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/Server Solutions

5 Video Capture Solutions

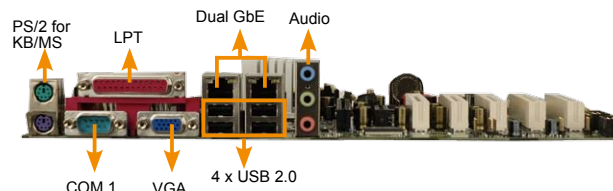
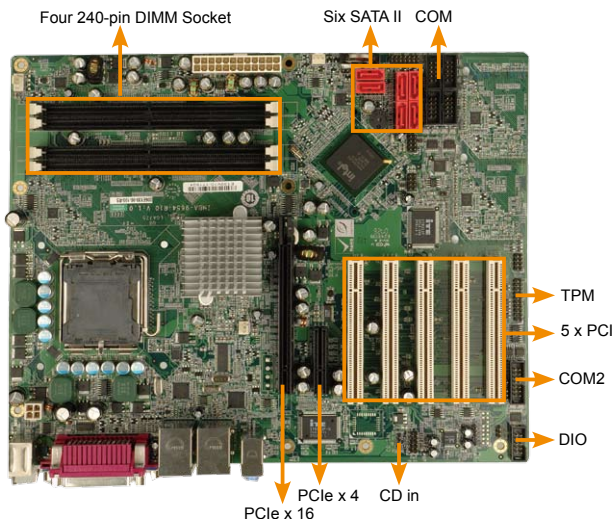
6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/Network Communication/Peripherals

IMBA-9654

ATX form factor mother board supports Intel® LGA775 Core™2 Duo, Core™2 Quad, Pentium® D, Processor at FSB1066/800/533 FSB, dual channel DDR2, dual GbE, six SATA II, six COM ports, USB, audio, and 5 PCI slots.



Intel® Matrix Storage Manager



Specifications

- ◆ CPU
LGA 775 Intel® Core™2 Duo/Quad, Pentium® D/4, and Celeron® D with 533/800/1066MHz FSB
- ◆ FSB
1066/800/533 MHz
- ◆ System Chipset
Intel® Q965 + ICH8-DO
- ◆ BIOS
AMI Flash BIOS
- ◆ System Memory
Four 240-pin 800/667/533 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 8.0 GB)
- ◆ Ethernet
Dual Broadcom PCIe BCM5787M GbE controller
- ◆ I/O Interface
 - 5 x RS-232
 - 1 x RS-232/422/485
 - 8 x USB 2.0(4 on the edge, 4 on board by pin header)
 - 6 x SATA II with RAID 0,1, 10, 5, JBOD support
 - 1 x LPT
 - 1 x SPDIF
 - 2 x PS/2 for KB/MS
 - 1 x 20-pin LPC for TPM
- ◆ Expansion
 - One PCIe x16 slot
 - One PCIe x4 slot
 - Five PCI slots (33 MHz/32 bit)
- ◆ Digital I/O
8-bit digital I/O, 4 input/ 4 output
- ◆ Infrared Interface
1x5-pin pin header
- ◆ Display Interface
Analog CRT output
- ◆ Audio
Realtek ALC883 HD audio codec
- ◆ SSD
N/A
- ◆ Watchdog Timer
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply
ATX Power
- ◆ Power consumption
5V@4.62A, 12V@9.71A, 3.3V@ 5.74A
(Pentium® 4 3.73 GHz/1066 MHz CPU with 1 GB DDR2 667 MHz)
- ◆ Temperature
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operation: 5% ~95% non-condensing
- ◆ Dimensions
305 mm x 244 mm
- ◆ Weight
GW:1.5 kg

Features

1. Intel® LGA775 Core™2 Duo / Quad Processor at FSB1066 / 800 MHz supported
2. Dual Broadcom PCIe BCM5787M GbE
3. Six SATA II with Intel® Matrix Storage Technology supported
4. One PCIe x16 / One PCIe x4 / Five PCI expansion slots

Packing List

1 x IMBA-9654 single board computer
1 x Mini jumper pack
2 x Dual RS-232 cable (P/N: 19800-000113-RS)
1 x RS-232 cable (P/N: 19800-000114-RS)
6 x SATA cable (P/N: 32000062800-RS)
3 x SATA power cable (P/N: 32100-088600-RS)
1 x I/O shielding (P/N: 45014-0017C0-00-RS)
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
IMBA-9654-R10	ATX form factor mother board supports Intel® LGA775 Core™2 Duo, Core™2 Quad, Pentium D, Processor at FSB1066/800/667 FSB, dual channel DDR2, dual GbE, six SATA II, six COM ports, USB, audio, and 5 PCI slots.
CF-775A-RS	CPU cooler
TPM-WI01-R10	20-pin Winbond TPM with software management tool
TPM-IN01-R10	20-pin Infineon TPM with software management tool
SDVO-100VGA-R10	PCIe x16 VGA Output SDVO card supports dual display (IEI CPU board only)
SDVO-100DVI-R10	PCIe x16 DVI Output SDVO card supports dual display (IEI CPU board only)

1

Industrial Computing Solutions

2

Embedded Computing Solutions

3

RISC-Based Embedded Solutions

4

Industrial Data Collector/ Server Solutions

5

Video Capture Solutions

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I/O Communication Solutions

7

Panel Solutions

8

Power Supply/ Network Communication/ Peripherals