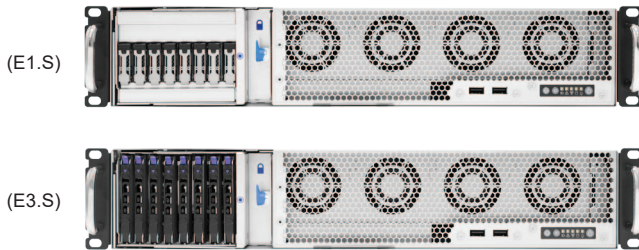




## Front View



## Features

- Supports up to 2 GPU cards
- Supports Gen5 E1.S, E3.S (2 types of EDSFF) and Gen4 U.2 form factor as open bay design
- Supports 4th Gen AMD EPYC™ Processors (Codename: Genoa)
- Short-depth design for space critical applications
- 4 PSU options:  
1600W 1+1, 1200W 1+1, single PSU and DC input (1200W)
- Full drive removal with one lever
- Easy maintain riser PCIe cards

## Rear View



## Specifications

<b>Dimensions</b> (W x D x H)	mm : 438 x 558.8 x 87.2	
	inches : 17 x 22 x 3.4	
<b>Motherboard</b>	AIC Server Board Capella	
<b>Processor</b>	Processor Support	4th Gen AMD EPYC™ Processors (Codename: Genoa)
	CPU Interconnection	Support CPU TDP up to 360W <i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system</i>
	Socket Type	SP5
<b>System Memory</b>	<ul style="list-style-type: none"> <li>• Supports total up to 4TB</li> <li>• DDR5 4800 MHz</li> <li>• Total 8 memory slots</li> </ul>	
<b>Front Panel</b>	<ul style="list-style-type: none"> <li>• Power switch</li> <li>• Reset button</li> <li>• ID button</li> <li>• 2 x USB 2.0</li> </ul>	
<b>LEDs</b>	Front of System	Front panel: • Power status, HDD status, LAN LED, BMC Alert LED, ID LED SSD status: • Green light : running • Flashing green light : reading • Amber light : no function, customize • Blue light : no function, customize
	Back of System	PSU: • Constant bright green light : system running • Red light : power has issue • Flashing green light : has power but system does not turn on

<b>Drive Bays</b>	External	Options: • E1.S 8-bay (9.5mm) • E3.S 8-bay (7.5mm) • U.2 4-bay (2.5")
	Internal	2 x NGFF (M.2) M-Key (2280/22110) support PCIe Gen5
<b>Backplane</b>	Options	<ul style="list-style-type: none"> <li>• 1 x 8-port E1.S (9.5mm)/E3.S (7.5mm) backplane</li> <li>• 2 x 2-port U.2 (2.5") backplane</li> </ul>
<b>Expansion Slots</b>	PCIe 5.0	<ul style="list-style-type: none"> <li>• 1 x PCIe Gen5 X16 slot (HHHL)</li> <li>• 2 x PCIe Gen5 X8 slots (FHHL)</li> <li>• 2 x PCIe Gen5 X16 slot double deck (FHFL)</li> <li>• 1 x OCP 3.0 Mezz. PCIe Gen5 X16</li> </ul>
<b>Riser Cards</b>	BRC-PE20050A	2 x FHFL support (X16) from 2 MCIO
	BRC-PE20049A	2 x FHHL (x8 + x8) from GenZ GF
<b>System BIOS</b>	BIOS Type	AMI / SPI (Serial Peripheral Interface) FLASH interface
	BIOS Features	<ul style="list-style-type: none"> <li>• ACPI</li> <li>• PXE</li> <li>• IPMI KCS interface</li> <li>• SMBIOS</li> <li>• Serial console redirection</li> <li>• SR-IOV</li> <li>• CXL</li> <li>• Secure boot</li> <li>• TPM</li> <li>• PCIe hotplug</li> </ul>
<b>On-board Devices</b>	IPMI	IPMI 2.0 compatible BMC with iKVM support / AST2600 (eSPI)
	Network Controllers	<ul style="list-style-type: none"> <li>• Broadcom BCM5720 for BMC shared NIC management and Data transfer</li> <li>• Realtek RTL8211F GbE for BMC dedicate management port (NCSI shared NIC - reserved BCM5720)</li> </ul>
	Graphics	1920X1200 32bpp@60Hz

## Top View



(Power supply and Server board are included.)

<b>Rear I/O</b>	LAN	1 x RJ45 for Dedicated BMC management
	USB	2 x USB 3.0 Type A connectors
	Serial Port	1 x COM (for audio jack)
	Display	1 x Mini display port
	ID	1 x ID LED
<b>Power Supply</b>	4 PSU options: • Edge applications – redundant/single (1600W) • Edge applications – 1200W 1+1 • Training simulation – single PSU (1600W or 1200W) • Edge applications and vehicle – DC input (1200W)	
<b>System Cooling</b>	Low noise/low power fans, 4 x 6056 fans, supports fan redundancy, 2 x 4028 fans in back of EDSFF drive backplane	

<b>System Management</b>	<ul style="list-style-type: none"> <li>• Baseboard Management Controller</li> <li>• Intelligent Platform Interface 2.0 (IPMI 2.0)</li> <li>• iKVM, Media Redirection, IPMI over LAN, Serial over LAN</li> <li>• SMASH Support</li> </ul>	
<b>Environmental Specifications</b>	<ul style="list-style-type: none"> <li>• Storage temperature : -10°C(14°F) ~ 60°C(140°F)</li> <li>• Operating temperature : 0°C(32°F) ~ 35°C(95°F)</li> <li>• Storage operating humidity : 5%~95% non-condensing</li> </ul>	
<b>Gross Weight</b>	(w/ PSU & Rail)	kgs : 24.5
		lbs : 54
<b>Packaging Dimensions</b>	(W x D x H)	mm : 860 x 605 x 318
		inches : 33.9 x 23.8 x 12.5