



Product catalogue

U Rack Server Case

XtremeMiner.com

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1. ABOUT US

1.1 INDIA's Largest Custom U Rack Frames Maker

XtremeMiner was established at the end of 2020 in NOIDA INDIA, all the products are design and developed in INDIA with the help of Extreme Machines LAB, XtremeMiner having lots of experience in building Computer frames and all types of frames related to AI, Computing Servers and Mining Rigs, Our products are available online and offline, through SHREE PERIPHERALS as our distribution partner for all over India.

XtremeMiner having own Laser Machines, Bending Machines, Powder Coating Ovens, We are the only manufacturer in INDIA who giving Industrial PC Cases with design & development within the country.

1.2 Long Life U Rack Mount Servers with Customization

Our U Rack Frames are specially designed considering easy mounting and unmounting of Computing Modules, we are supporting all ATX design standards, and our frames support all ATX SMPS, Motherboard, HDD/SSD.

We manufacture our frames in Mild Steel in 1.5mm Thickness, with textured Black Finish. This thickness gives power to frames to hold multiple drives and components.

2. OVERVIEW

2.1 U Rack Mount Server Case

S.N	Product Description	Size (U)	Depth (mm)	Motherboard Size (WxDmm)	3.5" Drive Support	Hot swap Support	Cooling Configuration
1	1U Server EM-1UPCG V1	1U	503mm	310x275mm	4	Yes 3.5"Dual Drive 2 Nos	2x 4020 Fan running @18000 RPM
2	2U NAS Server EM-2UNAS V3	2U	503mm	240x180mm	9	No	3x 8025 Fan running @2500 RPM
3	2U ATX Server EM-2UATX V1	2U	503mm	310x310mm	3	No	3x 8025 Fan running @2500 RPM
4	3U Server EM-3UATX V3	3U	503mm	330x330mm	4	No	2x 12025 PWM Fan running @3100 RPM
5	4U Server EM-4UATX V3	4U	503mm	330x300mm	5	Yes 5.25" Single drive 3 Nos	3x 12025 PWM Fan running @3100 RPM
6	4U ADV Server EM-4UADV V3	4U	656mm	330x350mm	12	Yes 5.25" Single drive 8 Nos	2x 12025 Fan running @2000 RPM + 1x 12038 PWM Fan running @3100 RPM
7	4U SSI Server EM-4USSI V3	4U	656mm	400x350mm	12	Yes 5.25" Single drive 8 Nos	2x 12025 Fan running @2000 RPM + 1x 12038 PWM Fan running @3100 RPM

3. 1U NAS SERVER CASE

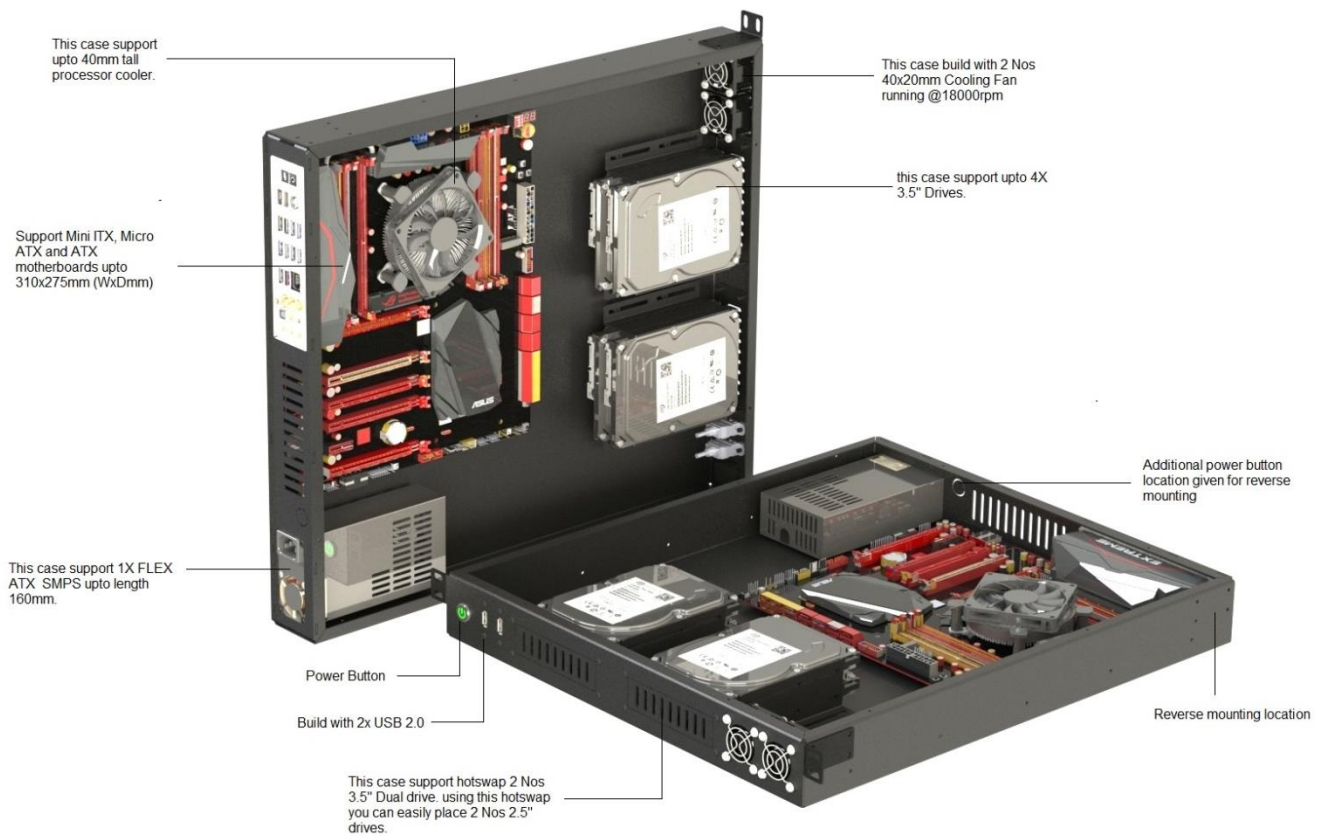
EM-1UNAS V1

3.1 Specification

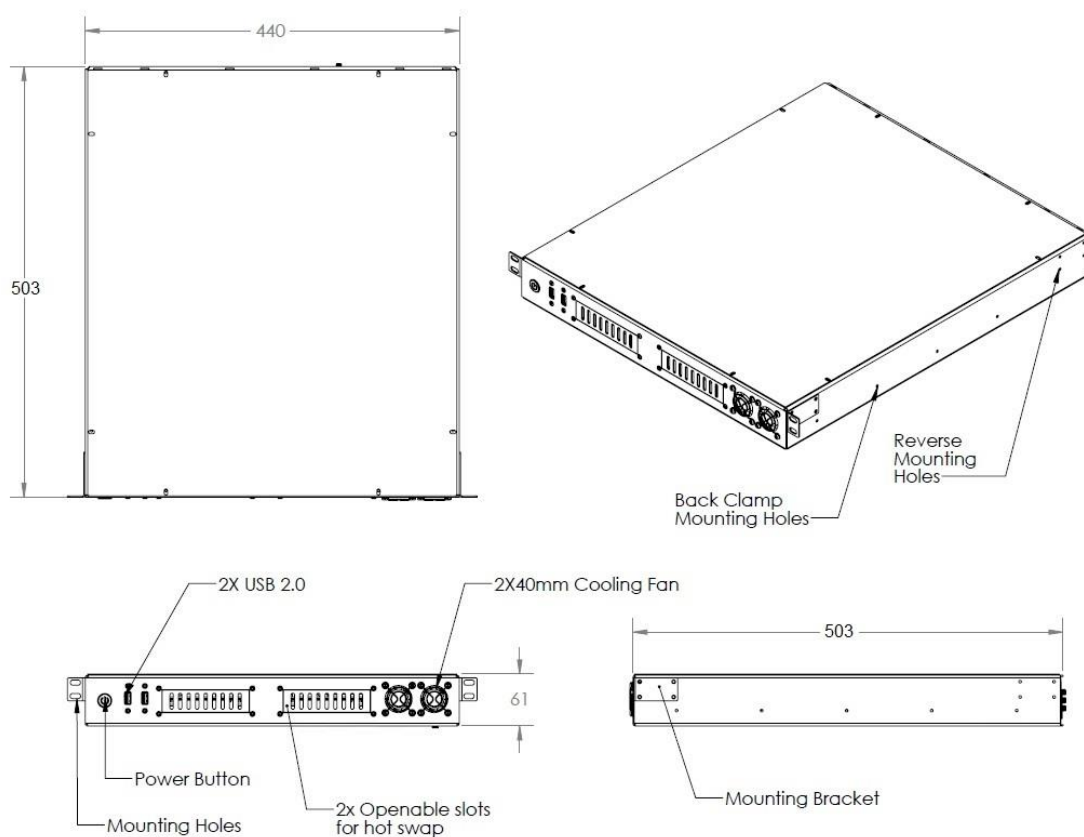


Product Description	Model No.	EM-1UNAS V1
	Type	1U NAS Server
	Size LWH (mm)	503x440x62
	Weight KG	4
	Color	Black textured powder coated
Cooling	Yes	2 Nos 40X20mm PWM Fan
GPU Support	GPU Support	NA
	Maximum GPU Length Support	NA
Motherboard Support	Motherboard support type (WxD)	Mini ITX, Micro ATX and ATX motherboards up to 310x275mm
	Maximum CPU Cooling Height	40mm
SMPS Support	SMPS Support type	Flex ATX
	Maximum SMPS Length	200mm
Hard Drive support	No. of Drive support	4
	2.5Inch SSD/HDD Support	Yes (Using 3.5" to 2.5" mounting adaptor)
	3.5Inch SSD/HDD Support	Yes
Package Including	Power Button	1
	Installation nuts & bolts M5x10	10
	Allen Key 4mm	1
	SMPS Mounting Screw	0
	GPU Mounting Screw	0
	Motherboard Mounting Screw M3x10	10
Hot Swap Support	2x 3.5" dual drive hot swap	4x 2.5" Drives can be placed in the hot swap
AIO Cooling Support	NA	
PCI Slots	NA	

3.2 Product Configuration



3.3 Product Drawing



4. 2U NAS SERVER CASE

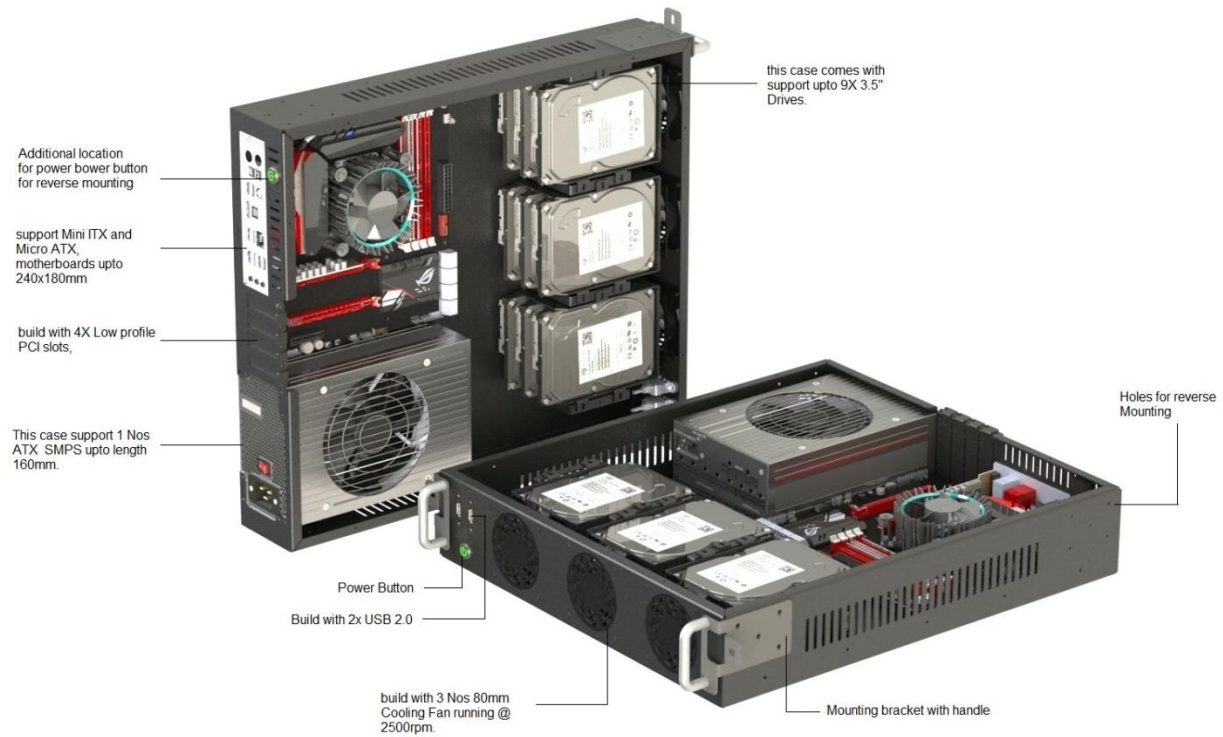
EM-2UNAS V3

4.1 Specification

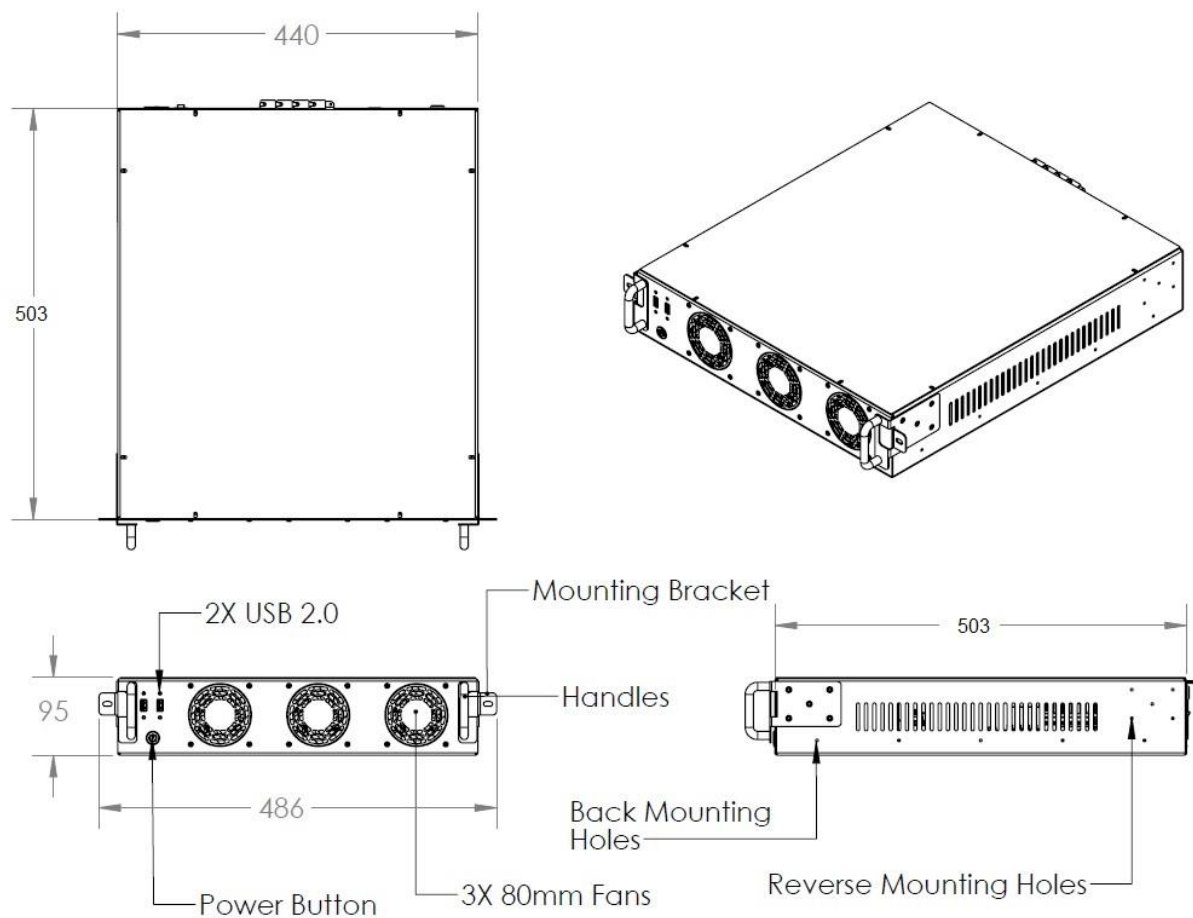


Product Description	Model No.	EM-2UNAS V3
	Type	2U NAS Server
	Size LWH (mm)	503x440x95
	Weight KG	6
	Color	Black textured powder coated
Cooling	Yes	3 Nos 80X25mm Fan
GPU Support	GPU Support	Low profile GPU
	Maximum GPU Length Support	300mm
Motherboard Support	Motherboard support type (WxD)	Mini ITX and Micro ATX, motherboards up to 240x250mm
	Maximum CPU Cooling Height	80mm
SMPS Support	SMPS Support type	ATX
	Maximum SMPS Length	225mm
Hard Drive support	No. of Drive support	9
	2.5Inch SSD/HDD Support	Yes (Using 3.5" to 2.5" mounting adaptor)
	3.5Inch SSD/HDD Support	Yes
Package Including	Power Button	1
	Installation nuts & bolts M5x10	10
	Allen Key 4mm	1
	SMPS Mounting Screw	0
	GPU Mounting Screw	Yes
	Motherboard Mounting Screw M3x10	10
Hot Swap Support	NA	
AIO Cooling Support	NA	
PCI Slots	Yes	4x Low Profile PCI Slots

4.2 Modules Assembly



4.3 Product Drawing



5. 2U ATX SERVER CASE

EM-2UATX V1

5.1 Specification

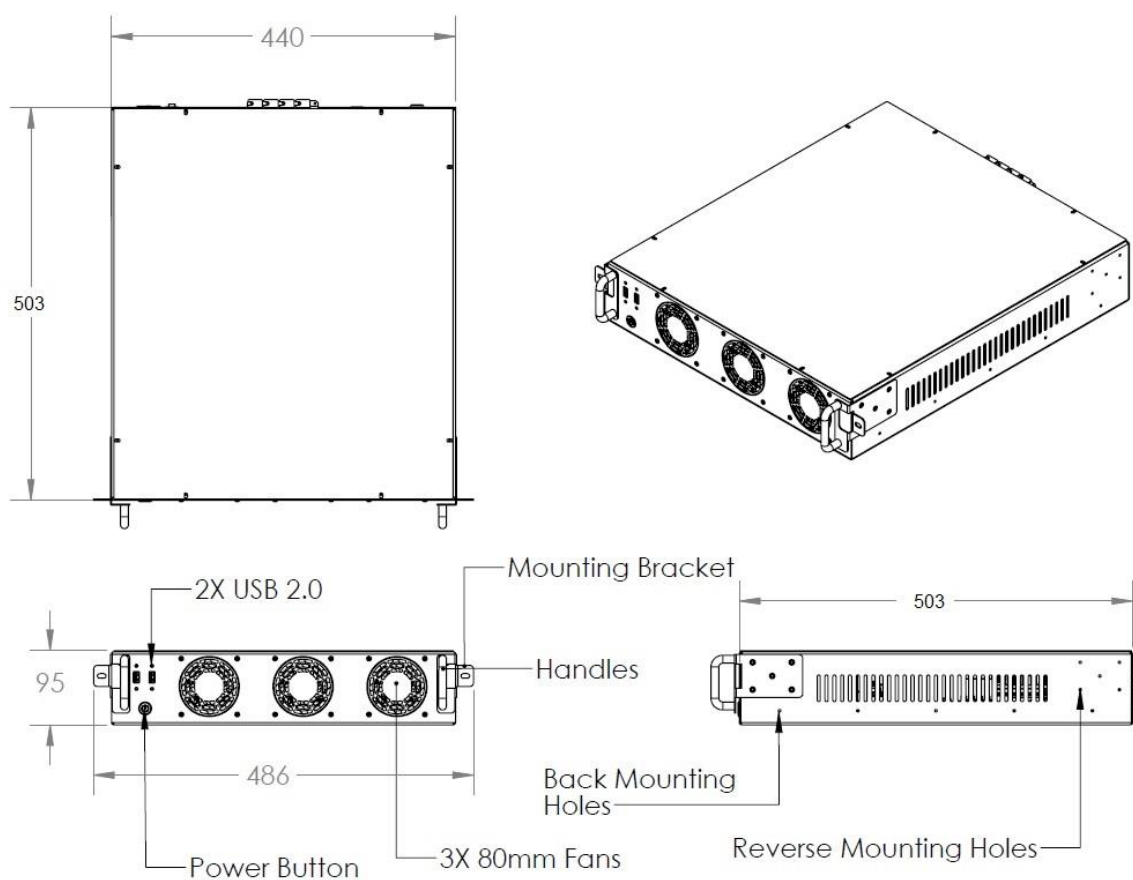


Product Description	Model No.	EM-2UATX V1
	Type	2U ATX Server
	Size LWH (mm)	503x440x95
	Weight KG	6
	Color	Black textured powder coated
Cooling	Yes	3 Nos 80X25mm Fan
GPU Support	GPU Support	1x Full size GPU + Low Profile GPU
	Maximum GPU Length Support	300mm
Motherboard Support	Motherboard support type (WxD)	Mini ITX, Micro ATX and ATX motherboards up to 310x310mm
	Maximum CPU Cooling Height	80mm
SMPS Support	SMPS Support type	ATX
	Maximum SMPS Length	160mm
Hard Drive support	No. of Drive support	3
	2.5Inch SSD/HDD Support	Yes (Using 3.5" to 2.5" mounting adaptor)
	3.5Inch SSD/HDD Support	Yes
Package Including	Power Button	1
	Installation nuts & bolts M5x10	10
	Allen Key 4mm	1
	SMPS Mounting Screw	0
	GPU Mounting Screw	Yes
	Motherboard Mounting Screw M3x10	10
Hot Swap Support	NA	
AIO Cooling Support	NA	
PCI Slots	Yes	2x Full Size PCI Slots 6x Low Profile PCI Slots

5.2 Modules Assembly



5.3 Product Drawings



6. 3U ATX SERVER CASE

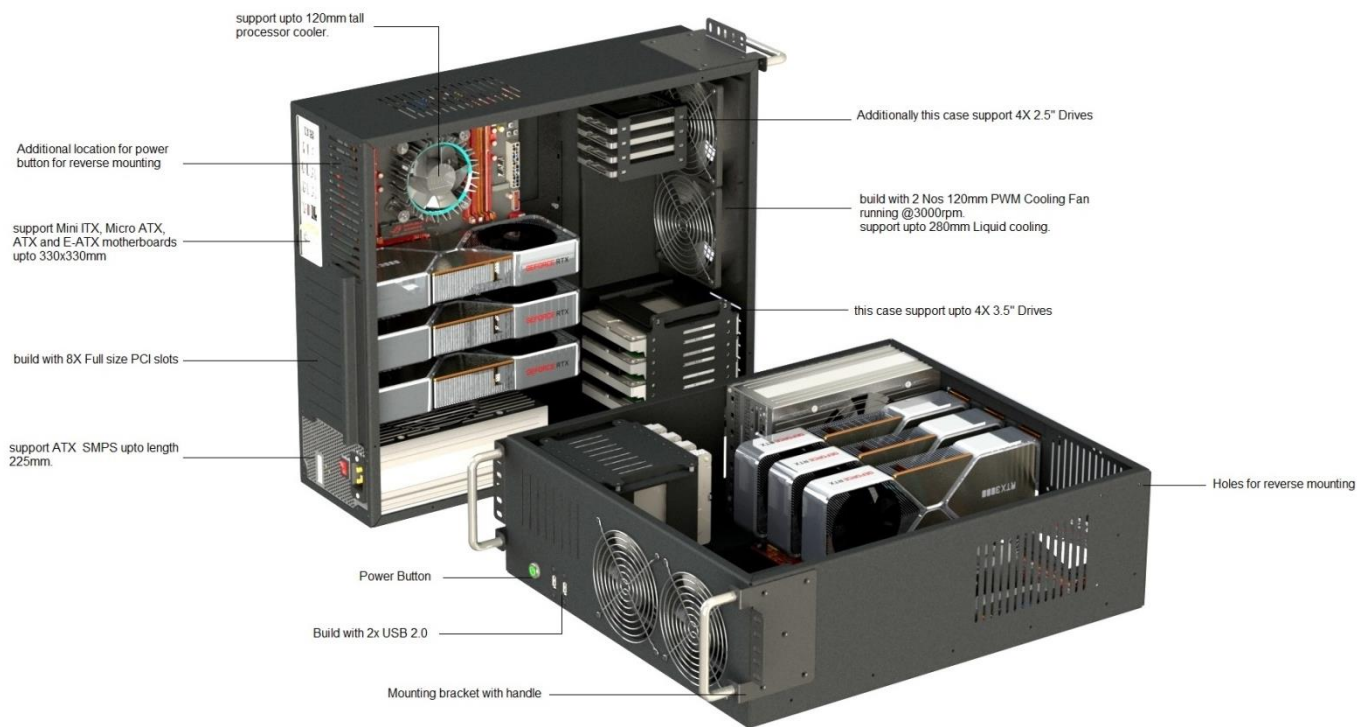
EM-3UATX V3

6.1 Specification

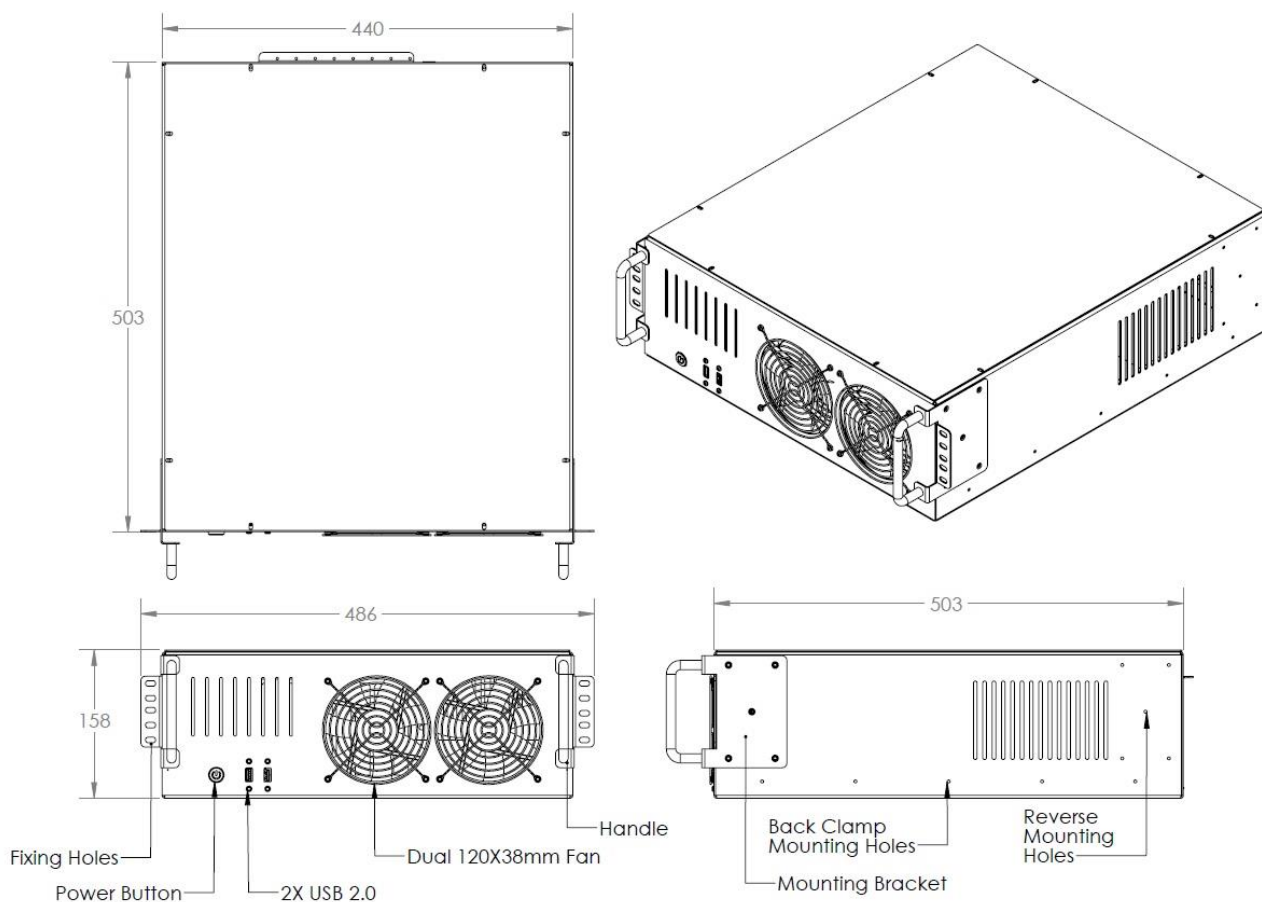


Product Description	Model No.	EM-3UATX V3
	Type	3U ATX Server
	Size LWH (mm)	503x440x158
	Weight KG	8
	Color	Black textured powder coated
Cooling	Yes	2 Nos 120x38mm PWM Fan
GPU Support	GPU Support	Full size PCI Cards / GPU
	Maximum GPU Length Support	350mm
Motherboard Support	Motherboard support type (WxD)	Mini ITX, Micro ATX, ATX and E-ATX motherboards up to 330x330mm
	Maximum CPU Cooling Height	120mm
SMPS Support	SMPS Support type	ATX
	Maximum SMPS Length	225mm
Hard Drive support	No. of Drive support	8
	2.5Inch SSD/HDD Support	4
	3.5Inch SSD/HDD Support	4
Package Including	Power Button	1
	Installation nuts & bolts M5x10	10
	Allen Key 4mm	1
	SMPS Mounting Screw	0
	GPU Mounting Screw	Yes
	Motherboard Mounting Screw M3x10	10
Hot Swap Support	NA	
AIO Cooling Support	Yes	Up to 120mm Dual Fan / 280mm Liquid Cooling
PCI Slots	Yes	8x Full Size PCI Slots

6.2 Modules Assembly



6.3 Product Drawings



7. 4U ATX SERVER CASE

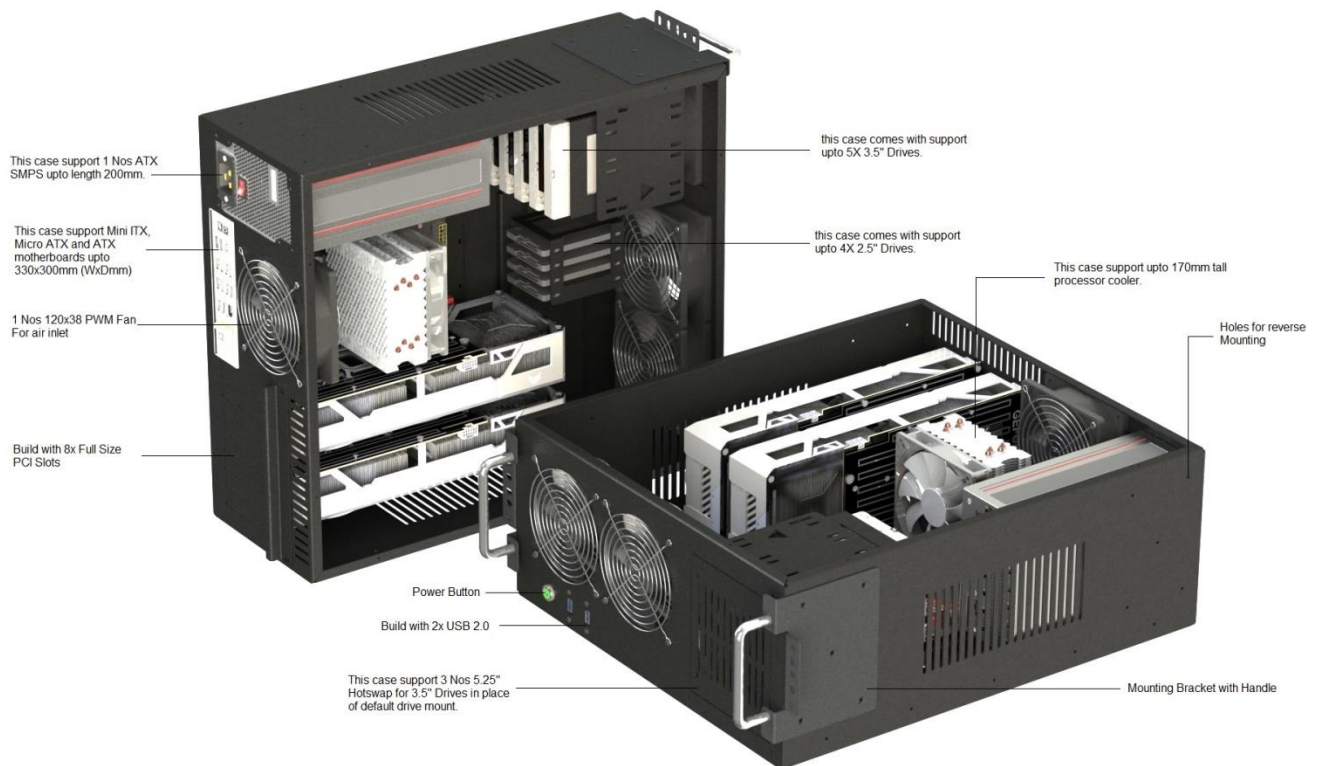
EM-4UATX V3

7.1 Specification

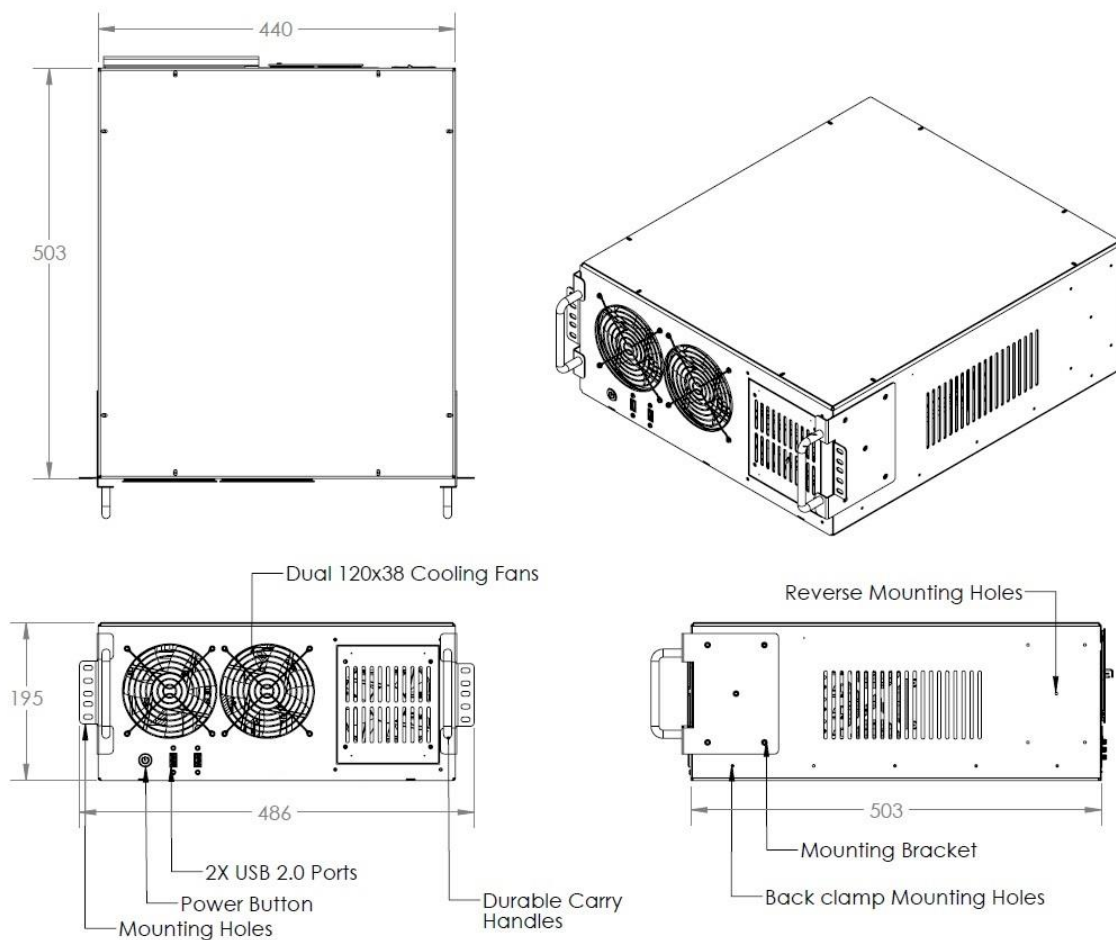


Product Description	Model No.	EM-4UATX V3
	Type	4U ATX Server
	Size LWH (mm)	503x440x194
	Weight KG	9
	Color	Black textured powder coated
Cooling	Yes	4 Nos 120x38mm PWM Fan
GPU Support	GPU Support	Full size PCI Cards / GPU
	Maximum GPU Length Support	350mm
Motherboard Support	Motherboard support type	Mini ITX, Micro ATX, ATX and E-ATX motherboards up to 330x300mm
	Maximum CPU Cooling Height	170mm
SMPS Support	SMPS Support type	ATX
	Maximum SMPS Length	225mm
Hard Drive support	No. of Drive support	9
	2.5Inch SSD/HDD Support	4
	3.5Inch SSD/HDD Support	5
Package Including	Power Button	1
	Installation nuts & bolts M5x10	10
	Allen Key 4mm	1
	SMPS Mounting Screw	0
	GPU Mounting Screw	Yes
	Motherboard Mounting Screw M3x10	10
Hot Swap Support	Yes	3x 5.25" Single Drive Hot Swap
AIO Cooling Support	Yes	Up to 120mm Dual Fan / 280mm Liquid Cooling
PCI Slots	Yes	8x Full Size PCI Slots

7.2 Modules Assembly



7.3 Product Drawings



8. 4U ADV SERVER CASE

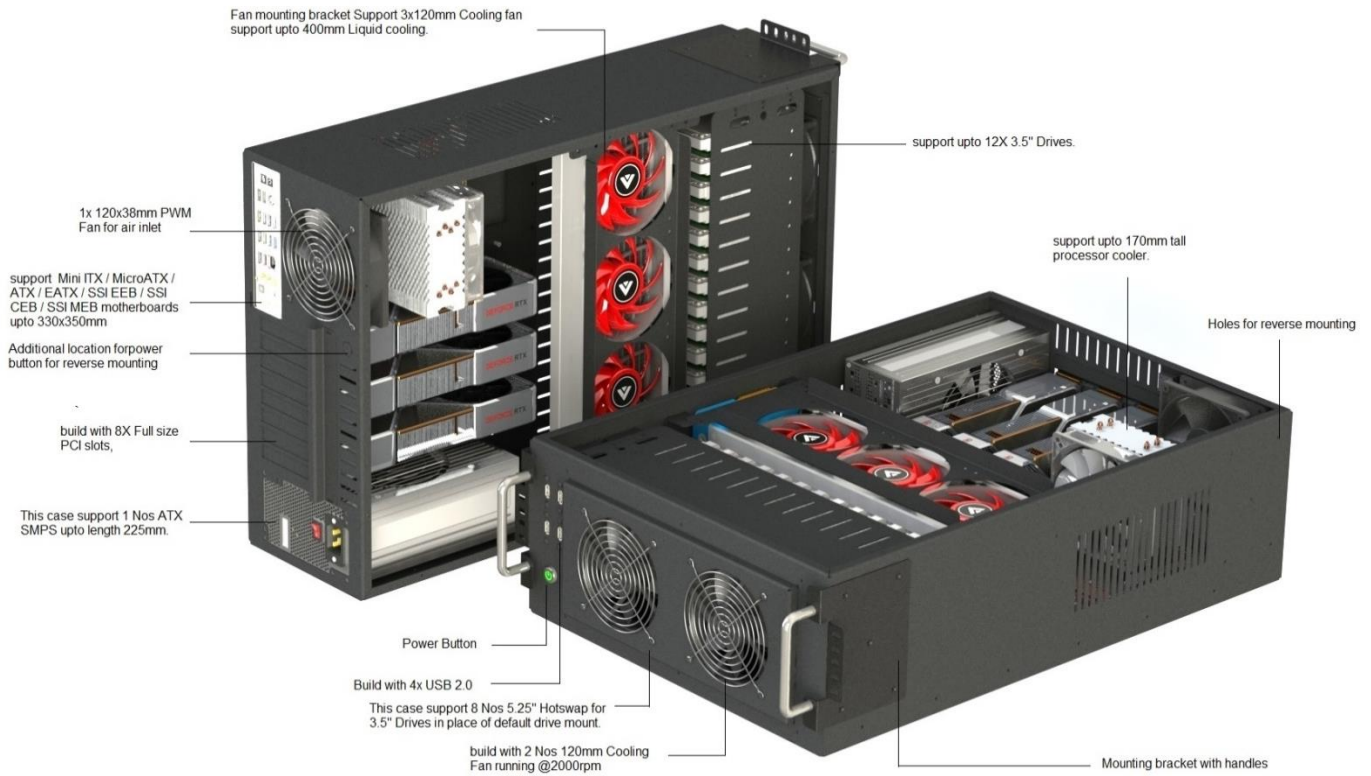
EM-4UADV V3

8.1 Specification

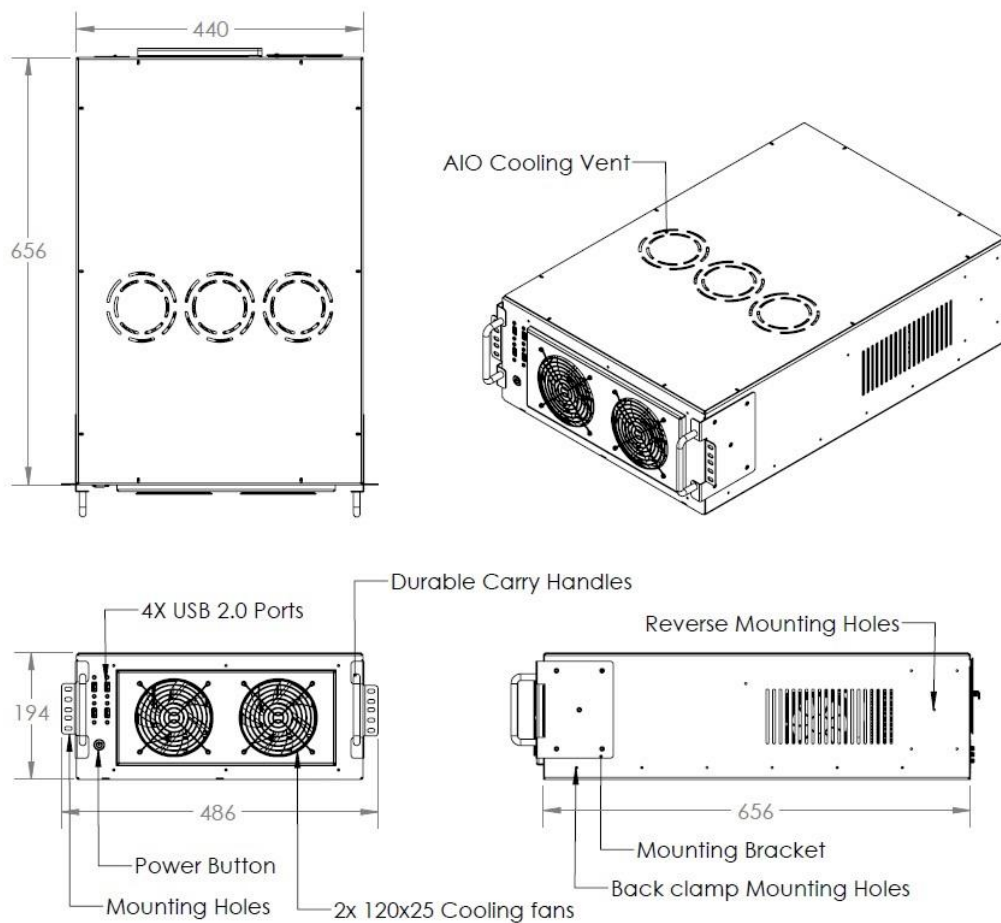


Product Description	Model No.	EM-4UADV V3
	Type	4U Advance Server
	Size LWH (mm)	656x440x194
	Weight KG	11
	Color	Black textured powder coated
Cooling	Yes	2 Nos 120x25mm Fan + 1 Nos 120x38mm PWM Fan
GPU Support	GPU Support	Full size PCI Cards / GPU
	Maximum GPU Length Support	350mm
Motherboard Support	Motherboard support type (WxD)	Mini ITX / MicroATX / ATX / EATX / SSI EEB / SSI CEB / SSI MEB motherboards up to 330x350mm
	Maximum CPU Cooling Height	170mm
SMPS Support	SMPS Support type	ATX
	Maximum SMPS Length	225mm
Hard Drive support	No. of Drive support	12
	2.5Inch SSD/HDD Support	Yes (Using 3.5" to 2.5" mounting adaptor)
	3.5Inch SSD/HDD Support	Yes
Package Including	Power Button	1
	Installation nuts & bolts M5x10	10
	Allen Key 4mm	1
	SMPS Mounting Screw	0
	GPU Mounting Screw	Yes
	Motherboard Mounting Screw M3x10	10
Hot Swap Support	Yes	8x 5.25" Single Drive Hot Swap
AIO Cooling Support	Yes	Up to 120mm Triple Fan / 400mm Liquid Cooling
PCI Slots	Yes	8x Full Size PCI Slots

8.2 Modules Assembly



8.3 Product Drawings



9. 4U SSI SERVER CASE

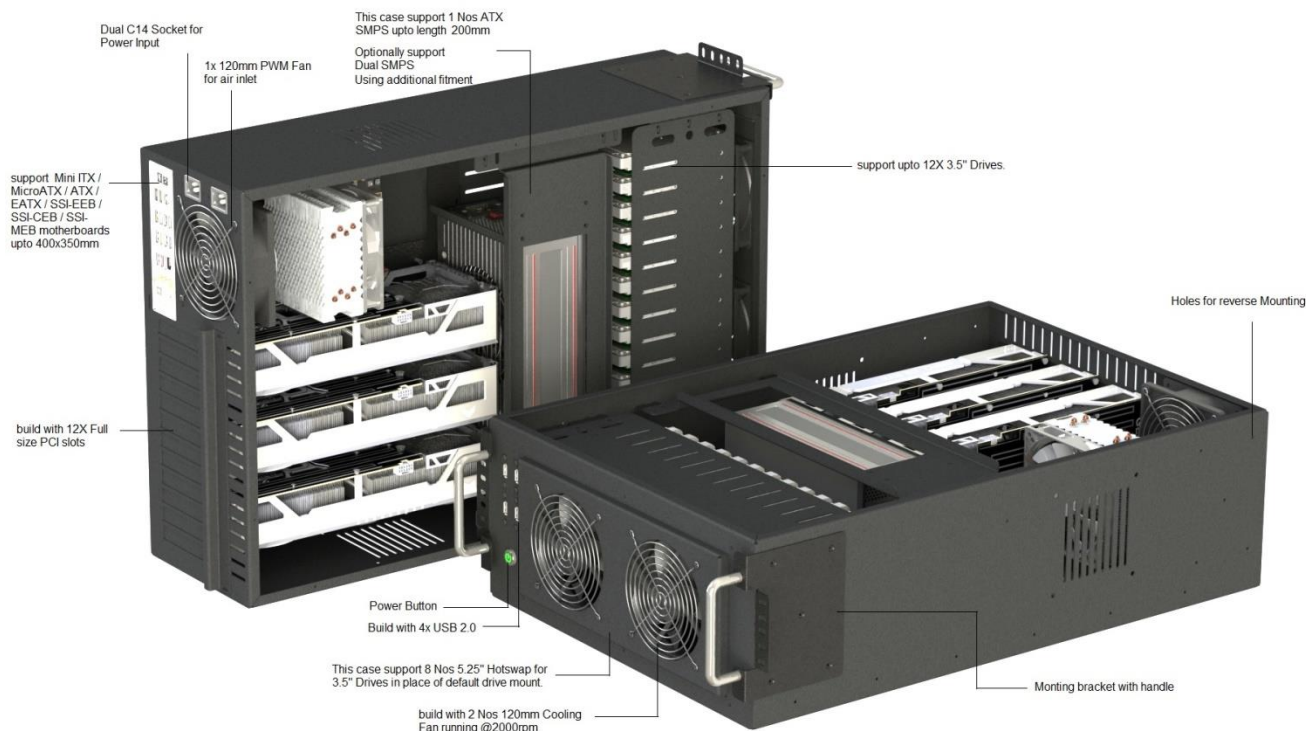
EM-4USSI V3

9.1 Specification



Product Description	Model No.	EM-4USSI V3
	Type	4U SSI Server for Multiprocessor motherboards
	Size LWH (mm)	656x440x194
	Weight KG	11
	Color	Black textured powder coated
Cooling	Yes	2 Nos 120x25mm Fan + 1 Nos 120x38mm PWM Fan
GPU Support	GPU Support	Full size PCI Cards / GPU
	Maximum GPU Length Support	350mm
Motherboard Support	Motherboard support type (WxD)	Mini ITX / MicroATX / ATX / EATX / SSI-EEB / SSI-CEB / SSI-MEB motherboards up to 400x350mm
	Maximum CPU Cooling Height	170mm
SMPS Support	SMPS Support type	ATX
	Maximum SMPS Length	225mm
Hard Drive support	No. of Drive support	12
	2.5Inch SSD/HDD Support	Yes (Using 3.5" to 2.5" mounting adaptor)
	3.5Inch SSD/HDD Support	Yes
Package Including	Power Button	1
	Installation nuts & bolts M5x10	10
	Allen Key 4mm	1
	SMPS Mounting Screw	0
	GPU Mounting Screw	Yes
	Motherboard Mounting Screw M3x10	10
Hot Swap Support	Yes	8x 5.25" Single Drive Hot Swap
AIO Cooling Support	Yes	Up to 120mm Triple Fan / 400mm Liquid Cooling
PCI Slots	Yes	12x Full Size PCI Slots

9.2 Modules Assembly



9.3 Product Drawing

