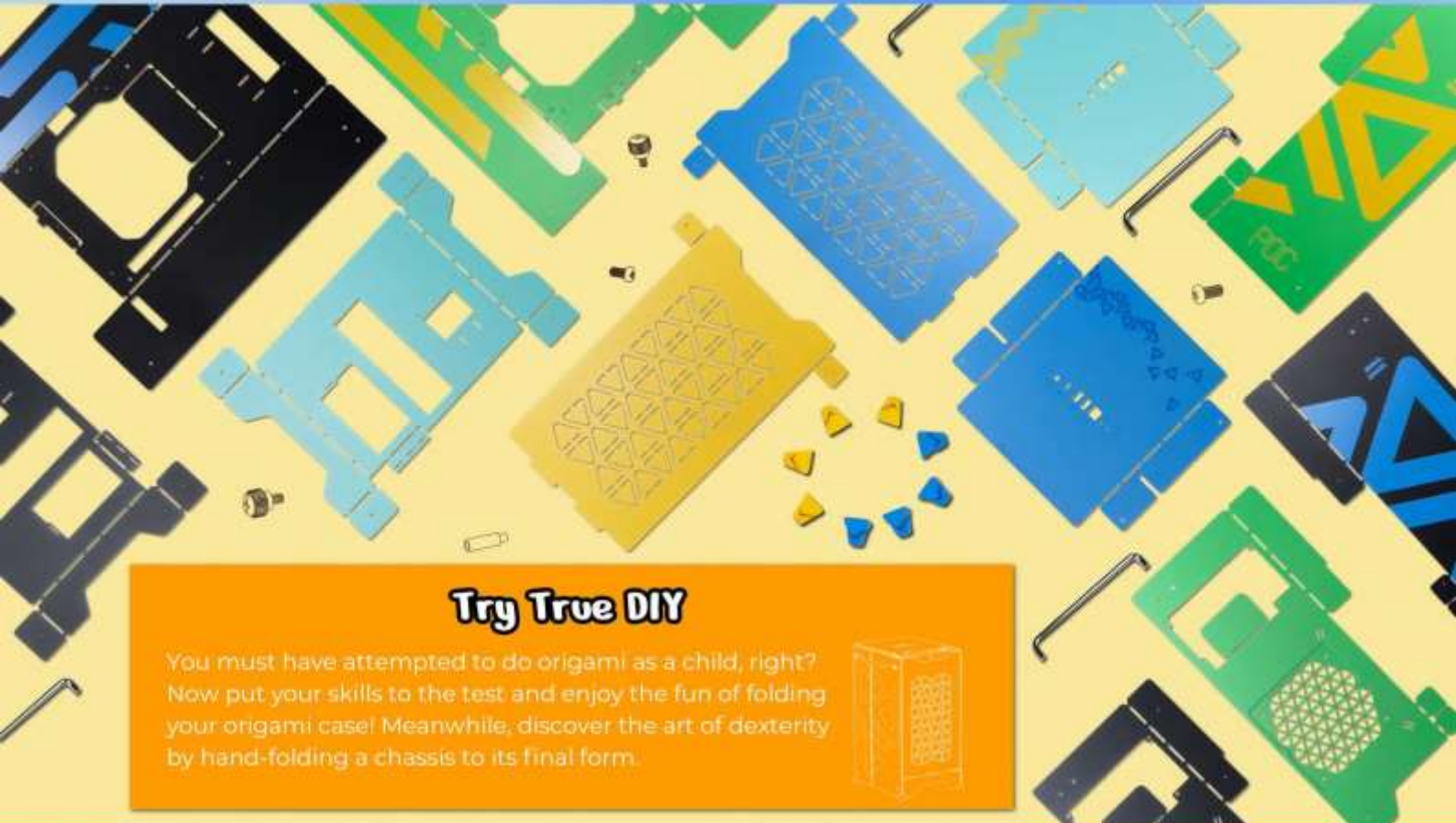


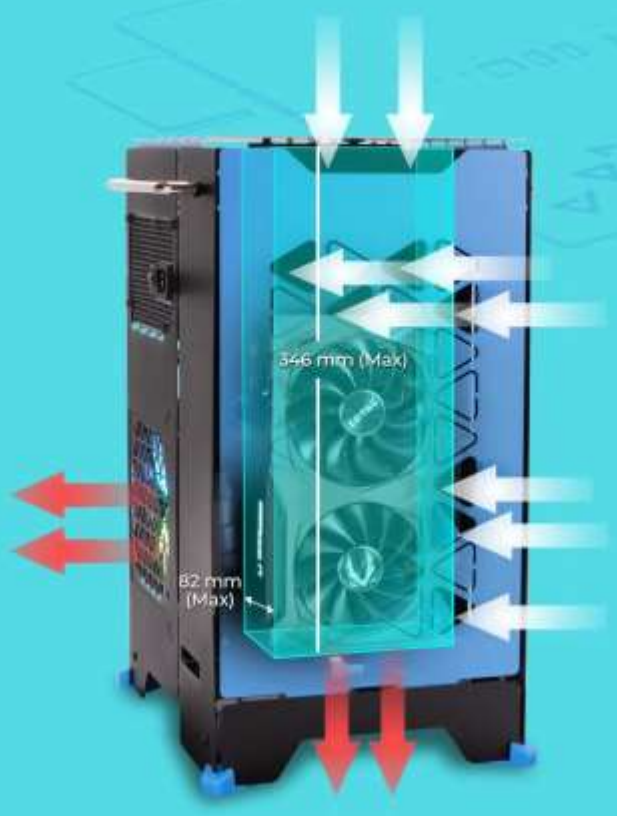


POC  
Mini-ITX Tower



### Try True DIY

You must have attempted to do origami as a child, right? Now put your skills to the test and enjoy the fun of folding your origami case! Meanwhile, discover the art of dexterity by hand-folding a chassis to its final form.



### One in the Chamber

POC's dedicated GPU chamber is designed to separate the heat. Also, this orientation supports graphics cards up to 346 mm with enough room to fit a 3.5-slot card. POC also comes with a specialized PCI-E 4.0 riser cable.



### Easy to Ship, Simple to Move & Colorful Too!

POC consists of 0.8 mm of SECC steel. The 7-piece foldable panels are lightweight and colorful.



### Reduced Packaging

POC consists of a 7-piece case set, tools & accessories and complimentary LUNA AL120 fan and PCI-E 4.0 riser cable. The complete package arrives flat to minimize unnecessary packing materials. Smaller parcels and less of an environmental impact.



POC ASSEMBLY GUIDE

START

### Interactive Assembly Guide

No more printed instructions expected! The interactive assembly guide shows the photos of the parts and the animations of the assembly.

### Specifications

|                                       |  |
|---------------------------------------|--|
| <b>Model</b>                          | POC  |
| <b>Model Number</b>                   | IW-CS-POCBLU<br>IW-CS-POCGRE   |
| <b>Colors</b>                         | Black / Blue, Green / Yellow   |
| <b>Case Type</b>                      | Mini-ITX Tower   |
| <b>Materials</b>                      | SECC   |
| <b>M/B Compatibility</b>              | Mini-ITX   |
| <b>Expansion Slots</b>                | 3 x PCI-E<br>(Supports 3.5-Slot GPU, PCI-E Riser Cable Included)                   |
| <b>Maximum Compatibility</b>          | GPU Length: 346 mm<br>GPU Thickness: 82 mm<br>CPU Heatsink Height: 142 mm          |
| <b>I/O Ports</b>                      | 1 x USB 3.2 Gen 2x2 Type-C<br>2 x USB 3.2 Gen 1<br>HD Audio Combo (CTIA - SPK/Mic) |
| <b>Internal Drive Bays</b>            | 1 x 2.5"   |
| <b>Thermal Solution Compatibility</b> | Air Cooling Fans:<br>Rear: 1 x 120 mm  |
| <b>Power Supply Compatibility</b>     | PSII: ATX12V<br>- Length up to 160mm   |
| <b>Product Dimensions (L x W x H)</b> | 256 x 278 x 423 mm   |
| <b>Package Dimensions (L x W x H)</b> | 449 x 418 x 45 mm  |
| <b>Net Weight</b>                     | 4 kg / 8.82 lbs  |
| <b>Gross Weight</b>                   | 5.2 kg / 11.46 lbs   |





# 327

Mini Tower



## Sync Lighting Effects

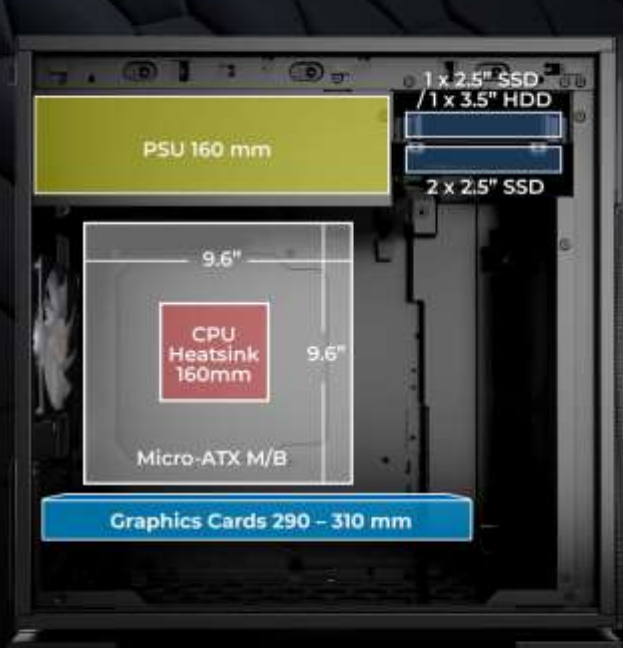
The front panel of the 327 features a subtle ARGB InWin logo to give the system a modest pop of color. The system LEDs can be synced together by the motherboard.



## The Bantam Case

This compact chassis is capable of housing high-end components to suit the user's needs.

\*The Graphics Cards length up to 290 mm if a radiator is installed on the front.



2 x 120 mm Fans  
1 x 240 mm Radiator  
(Radiator Thickness Max. 28 mm)

The 327 supports up to a 240 mm radiator at the front, a 120 mm radiator at the rear, and two 120 mm fans at the bottom.

## User-Friendly Features



Quick removal dust filter



Detachable cable management design



Extra graphics card support holder

## Specifications

|                                |  |
|--------------------------------|--|
| Model                          | 327  |
| Model Number                   | IW-CS-327BLK-3AL120  |
| Color                          | Black  |
| Case Type                      | Mini Tower   |
| Materials                      | Tempered Glass, SECC   |
| M/B Compatibility              | Micro-ATX, Mini-ITX  |
| Expansion Slots                | 4 x PCIe   |
| Maximum Compatibility          | GPU Length: 290 - 310 mm<br>CPU Heatsink Height: 160 mm  |
| I/O Ports                      | 1 x USB 3.2 Gen 2x2 Type-C<br>2 x USB 3.2 Gen 1<br>HD Audio  |
| Internal Drive Bays            | 1 x 3.5" / 2.5"<br>2 x 2.5"  |
| Thermal Solution Compatibility | Air Cooling Fans:<br>Front: 2 x 120 mm<br>Rear: 1 x 120 mm<br>Bottom: 2 x 120 mm<br>(3 InWin Luna AL120 Fans Included)<br><br>Water Cooling Radiator:<br>Front: 1 x 240 mm<br>Rear: 1 x 120 mm |
| Power Supply Compatibility     | PSII: ATX12V<br>Length up to 160 mm  |
| Product Dimension (L x W x H)  | 391.5 x 188 x 381 mm   |
| Package Dimension (L x W x H)  | 458 x 272 x 450 mm   |
| Net Weight                     | 7.0 kg / 15.43 lbs   |
| Gross Weight                   | 7.9 kg / 17.42 lbs   |



\* InWin's products comply with RoHS regulation.  
\* Specifications may vary based on different regions.





# MERCURY AM120S

High Performance, Silent Cooling Fan

ARGB Silence is power



Max. 29 dB(A)

## Silencing the Status Flow

InWin has developed a new fan blade engraved design to smooth the airflow and balance blade pressure for a quieter experience at only a maximum of 29 dB(A).



Mercury AM120S  
Without airflow leakage

Standard Fan  
With airflow leakage

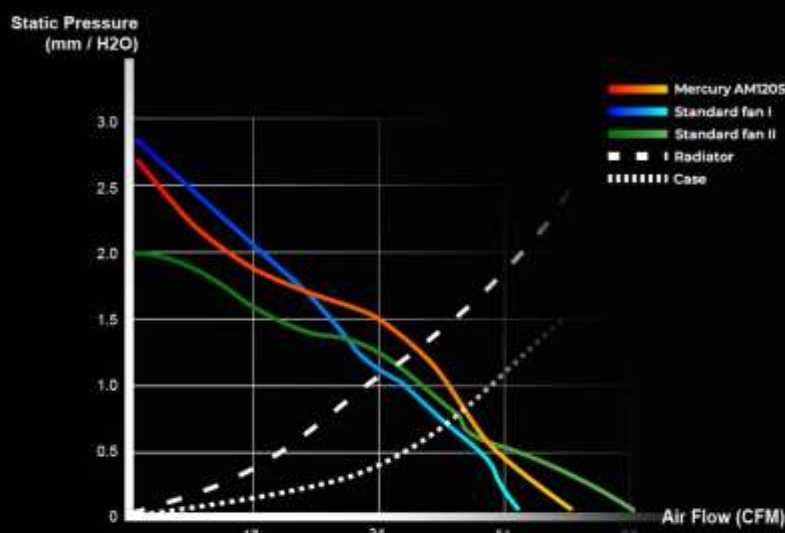
## Concentrated Airflow

The turbine blade design is molded to the inner frame. The airflow is enhanced without leakage that occurs between the frame and blades. This results in an enriched and concentrated airflow and silent operation.



## Optimized Performance

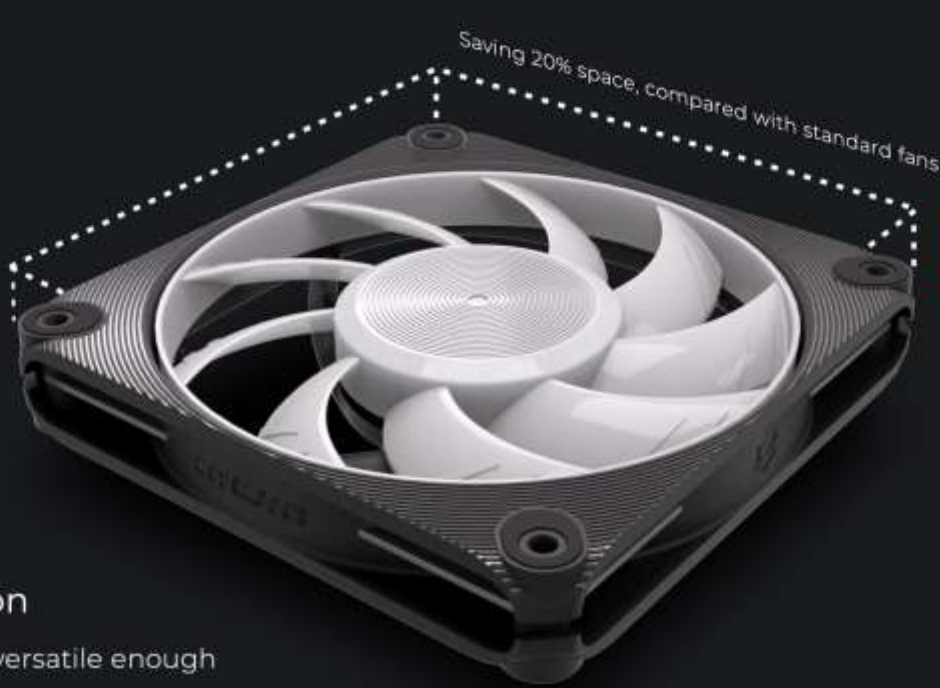
Through strict testing, compared to other fans, Mercury AM120S has an outstanding performance with high airflow, low noise output, and static air pressure. This is a cooling fan for all applications.



AIR FLOW  
**60.71**  
CFM

AIR PRESSURE  
**2.72**  
mm / H2O

PWM  
PWM



Saving 20% space, compared with standard fans

20% Space

## Space Conservation

This 20mm-thick fan is versatile enough to be used as a CPU cooler fan, regular case fans, and are especially handy when used in a compact enclosure.



## Lock-N-Go Cable



InWin's new Lock-N-Go Cable with an anti-slide buckle design allows ARGB cable connectors to be secured like never before.

## Specifications

| Model                          | Mercury AM120S                           |  |
|--------------------------------|--|--|
| Quantity Included              | Single Pack                              | Triple Pack                              |
| Model Number                   | IW-FN-AM120S-1PK                         | IW-FN-AM120S-3PK                         |
| Colors                         | Black                                    |  |
| Fan Size                       | 120 x 120 x 20 mm                        |  |
| Materials                      | PBT, PC                                  |  |
| Rated Voltage                  | DC 12V                                   |  |
| Rated Power                    | 1.8W                                     |  |
| Rated Current                  | 0.15A                                    |  |
| ARGB Rated Voltage             | DC 5V                                    |  |
| ARGB Rated Power               | 1.4W                                     |  |
| ARGB Rated Current             | 0.28A                                    |  |
| Speed Mode                     | PWM 400 - 2000 +/- 10% RPM               |  |
| Air Flow                       | 60.71 CFM                                |  |
| Air Pressure                   | 2.72 mm / H2O                            |  |
| LED                            | Addressable RGB                          |  |
| Connector (Fan to Fan)         | Non-Modular Cables                       |  |
| Connector to M/B               | 4-Pin (12V, PWM), 3-Pin (5V, ARGB)       |  |
| Noise Level                    | 17 - 29 dB(A)                            |  |
| Bearing Type                   | Long Lifespan Sleeve Bearing             |  |
| MTBF                           | >60,000 hrs.                             |  |
| Net Weight                     | 138 g / 0.3 lbs                          | 418 g / 0.92 lbs                         |
| Gross Weight                   | 184 g / 0.4 lbs                          | 519 g / 1.14 lbs                         |
| Package Dimensions (L x W x H) | 165 x 125 x 25 mm<br>6.49 x 4.92 x 0.98" | 165 x 125 x 65 mm<br>6.49 x 4.92 x 2.55" |
| Warranty                       | 3 Years                                  |  |



Mercury AM120S



Single Pack



Triple Pack

\* InWin's products comply with RoHS regulation.

\* Specifications may vary based on different regions.



# NR36

ALL-IN-ONE NEBULA 360MM LIQUID CPU COOLER



## Nebula's Infinite Shining Stars

The water block is filled with a myriad of ARGB shimmering shining stars. This lighting effect, referred to as "Nebula", will provide your build with the most stunning visual aesthetics. The lighting effects can be synced with an ARGB motherboard. Gaze into the realms of Nebula!



## Eclipsed with Luna

High performance ARGB cooling fan Luna AL120 is tailor-made for liquid-cooling, providing powerful cooling performances while reflecting ARGB lighting through its crescent white fan blades.

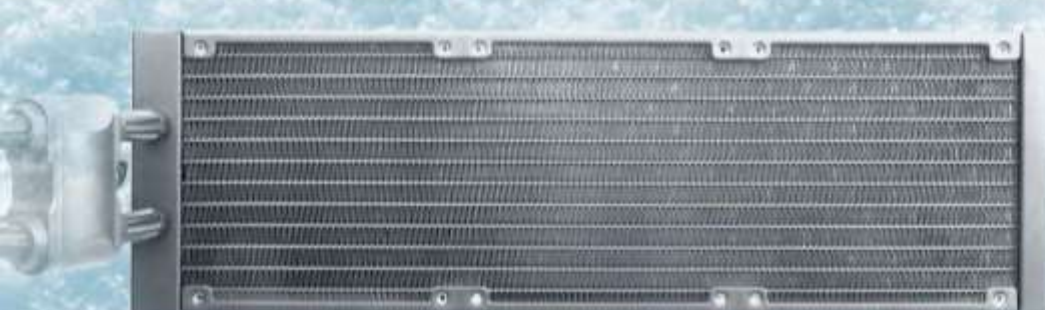


## Unique Pump Design

The powerful pump has been specially designed to cushion vibrations and suppress noise pollution.

## Powerful Heat Dispatching

High-density microchannel fins and large heat dispatching area on the radiator ensure excellent heat conducting efficiency.



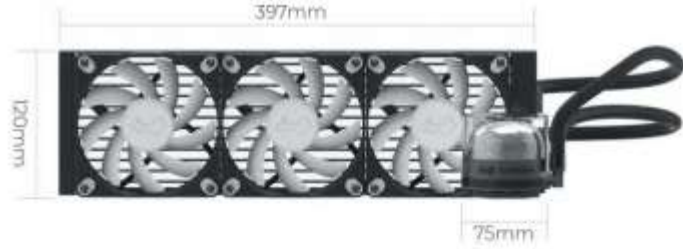
## Supports Latest CPU Sockets

The water block is compatible with all the latest Intel and AMD CPU sockets and features user-friendly tools for simple and quick installation.



## Specifications

|                                |  |  |
|--------------------------------|--|--|
| Model                          | NR36   |  |
| Model Number                   | IW-LC-NR36   |  |
| CPU Socket Support             | Intel® LGA 1700/1200/2066/2011-V3/2011/1366/1156/1155/1151/1150<br>AMD® AM5 / AM4 / AM3+ / AM3 / AM2+ / AM2 / FM2+ / FM2 / FM1 / TR4 |  |
| Radiator                       | Dimensions (L x W x H)   | 397 x 120 x 27 mm (15.6 x 4.7 x 1.1")        |
|                                | Materials  | Aluminium                                    |
|                                | Tube Length  | 450 mm                                       |
|                                | Tube Materials   | Rubber with Nylon Braided Sleeve             |
| Water Block                    | Dimensions (L x W x H)   | 87.3 x 75 x 68 mm (3.4 x 3.0 x 2.7")         |
|                                | Materials  | Copper, Glass, Plastic                       |
| Pump                           | Dimensions (L x W x H)   | 66 x 50 x 31 mm (2.6 x 2.0 x 1.2")           |
|                                | Materials  | PPS GF                                       |
|                                | Pump Speed   | 5200 +/- 10% RPM                             |
| Fans                           | Model  | Luna Series AL120                            |
|                                | Quantity Included  | 3 PCS  |
|                                | Dimensions (L x W x H)   | 120 x 120 x 25 mm (4.7 x 4.7 x 1.0")         |
|                                | Speed Mode   | PWM 400-1800 +/- 10% RPM                     |
|                                | Noise Level  | 25 dB(A) (Normal)                            |
|                                | Airflow  | 82.96 CFM                                    |
|                                | Static Pressure  | 2.31 mm/H <sub>2</sub> O                     |
| Connectors                     | 4-Pin (12V, PWM), 3-Pin (5V, ARGB)   |  |
| Bearing Type                   | Long Lifespan Sleeve Bearing   |  |
| Package Contents               |  | 1 x InWin NR Series 360 mm CPU Liquid Cooler |
|                                |  | 3 x InWin AL120 Addressable Fans             |
|                                |  | ARGB One-Click Controller                    |
|                                |  | Fan and Radiator Mounting Screws Pack        |
|                                |  | Mounting Kit for CPU Sockets                 |
| Package Dimensions (L x W x H) | 459 x 244 x 136 mm (18.1 x 9.6 x 5.4")   |  |
| Net Weight                     | 1.05 kg / 2.31 lb  |  |
| Gross Weight                   | 2.45 kg / 5.4 lb   |  |
| Warranty                       | 3 Years  |  |



\* InWin's products comply with RoHS regulation.  
\* Specifications may vary based on different regions.



# IW-RS112-08

1U NVMe Hybrid Storage Server

Storage Server



## Features & Benefits

- Intel® Xeon Scalable & AMD EPYC family compliant
- Hybrid backplane selections with Mini-SAS HD and Slimline connectors
  - Supports PCIe 4.0 with backplane Slimline (SFF-8654 x8) slots
- Compact bay deployment, supports max. NVMe SSDs x 4, max. 2.5" (15mm) trays x 12
- Large cooling area within the tray front panel and six easy-swap fans bring excellent airflow
  - Supports full-height PCIe slot x 1; One riser card included in accessories box
- Custom I/O shield service offered for chassis backplate to match specific motherboards with SGCC material



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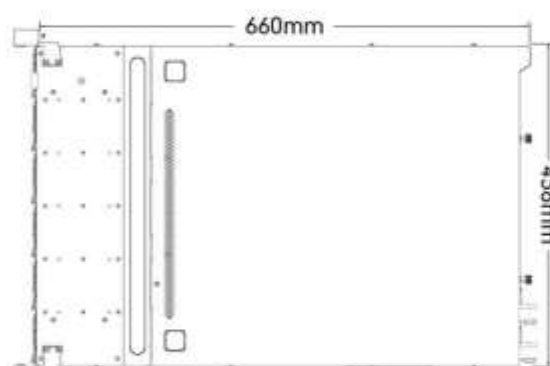
# IW-RS112-08

1U NVMe Hybrid Storage Server

Storage Server

## Specifications

|  |   |
|--|---|
| Industry Standard                        | EIA-RS310D  |
| M/B Form Factor                          | ATX (12" x 9.6"), CEB (12" x 10.5"), EEB (12" x 13")  |
| Drive Bay                                | External<br>• Max. 2.5" hot-swap trays x 12<br>• Max. U.2 NVMe SSD trays x 4  |
| Power Supply                             | Supports:<br>• 750W 1U redundant PSU, 80 Plus Platinum  |
| Indicator                                | Power LED, LAN1/LAN2 LED, system LED, HDD LED, ID LED   |
| Front Control Panel                      | Power on/off, reset, NMI, ID SW, USB 3.0 x 1  |
| Backplane Type-1                         | • Host: Mini-SAS HD (SFF-8643) x 3, Slimline (SFF-8654 x8) x 2<br>• HDD: SAS/SATA x 12 or SAS/SATA x 8 and NVMe SSD x 4 |
| Backplane Type-2                         | • Host: Mini-SAS HD (SFF-8643) x 3<br>• HDD: SAS/SATA x 12  |
| Cooling Fan                              | 40 x 56mm PWM easy-swap fans x 6, 21500 RPM modular design with anti-vibration  |
| Expansion Slot                           | Full-Height PCIe slot x 1 with riser card (Left-facing 90 degree design)  |
| Material                                 | • Material: SGCC<br>• Thickness: 1.0mm  |
| Rail Kit                                 | Supports 28" tool-less & ball-bearing slide rails   |
| Product Dimensions (DxWxH; Chassis Only) | 676 x 438 x 43.5mm<br>(26.6"x17.2"x1.7")  |
| Package Dimensions (DxWxH)               | 820 x 590 x 175mm<br>(32.3"x23.2"x6.9")   |
| Weight (Chassis Only)                    | • Net weight: 10.6kg<br>• Gross weight: 12.97kg   |
| Cubic Feet                               | 2.99  |
| Container Information                    | Single packing with pallets:<br>• 20': 200pcs<br>• 40': 460pcs<br>• 40' HQ: 552pcs                                      |



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# IW-RS112-08

1U NVMe Hybrid Storage Server

Storage Server

## 12Gbps Backplane Specifications

|                    |   |
|--------------------|---|
| Backplane Type-1   | Mini-SAS HD & Slimline Backplane                            |
| Dimensions (W x H) | 404.5 x 52mm  |
| Backplane Type     | Passive   |
| Host Interface     | • Host: Mini-SAS HD (SFF-8643) x 3, Slimline (SFF-8654) x 2 |
| HDD Interface      | • HDD: SAS/SATA x 12 or SAS/SATA x 8 and NVMe SSD x 4       |

|                    |                                    |
|--------------------|------------------------------------|
| Backplane Type-2   | Mini-SAS HD Backplane              |
| Dimensions (W x H) | 404.5 x 52mm                       |
| Backplane Type     | Passive                            |
| Host Interface     | • Host: Mini-SAS HD (SFF-8643) x 3 |
| HDD Interface      | • HDD: SAS/SATA x 12               |

## Optional Items

| Item                  | Part Number                   | Description  | Support |
|-----------------------|-------------------------------|--|---------|
| Slide Rail            | 3RAMIS148100                  | 28" tool-less & ball-bearing slide rail  | 1 set   |
| Slide Rail            | 3RAMIS152300/<br>3RAMIS152400 | 28" tool-less & ball-bearing slide rail with CMA support   | 1 set   |
| Cable                 | 3RAMW4031700                  | Mini SAS 12Gbps cable SFF-8643 to SFF-8643, 800mm  | Max. 3  |
| Power Supply          | 3RAMAP030400                  | 750W 1U redundant PDB power cage   | 1       |
| Power Supply          | 3RAMAP042200                  | 750W 1U redundant module, 80 Plus Platinum, IEC 62368-1 certified  | Max.2   |
| Power Supply          | 3RAMAP028000                  | 750W 1U redundant module, 80 Plus Platinum   | Max.2   |
| Backplane             | 2RBTVI008001                  | Mini-SAS HD & Slimline backplane   | 1       |
| Backplane             | 2RBTVI008101                  | Mini-SAS HD backplane  | 1       |
| HDD Tray              | 2RAKPH066200                  | 2.5" hot-swap HDD tray   | Max.12  |
| HDD Tray              | 2RAKPH068100                  | 2.5" hot-swap HDD tray with NVMe symbol  | Max.4   |
| Fan                   | 3RAMFB016400                  | 40 x 56mm PWM easy-swap, 21500 RPM, 4pin x 2   | Max.6   |
| Fan                   | 2RAKFB011800                  | 40 x 56mm PWM easy-swap fan & fan bracket, 4pin x 2  | Max.6   |
| Riser Card            | 2RAKPD079901                  | RSC 1U08 PCIe GEN4 x16 Riser Card (left-facing 90 degree design)   | 1       |
| Back I/O Shield Plate |                               | InWin can customize the I/O shield backplate for specific motherboards with SGCC material to fulfill customers' specific I/O configuration requirements. | 1       |
| Others                | 2RAKIP026400                  | Mesh front panel   | 1       |

\* InWin NVMe backplane supports PCIe 4.0, the actual data transfer speed will be determined by MB and HDD specifications.  
\* All components and optional parts are not included. In Win Development Inc. reserves the right to make any final modification.

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