



GRANDO  
RM

DATASHEET

# COMINO GRANDO WORKSTATION

Hyper Performance Multi-GPU solution for the most advanced and resource intensive computational tasks.

**AI Researches:** Machine Learning, Deep Learning, Inference

**Content Creation:** Editing, Design, Engineering, Architecture

**Production:** Video, Virtual, Rendering, Animation

**Forensics:** Password recovery

And many more!

## KEY ADVANTAGES



Best Multi-GPU performance for specialists, workgroups and research teams



Easy configurable, maintainable & scalable bleeding edge hardware!

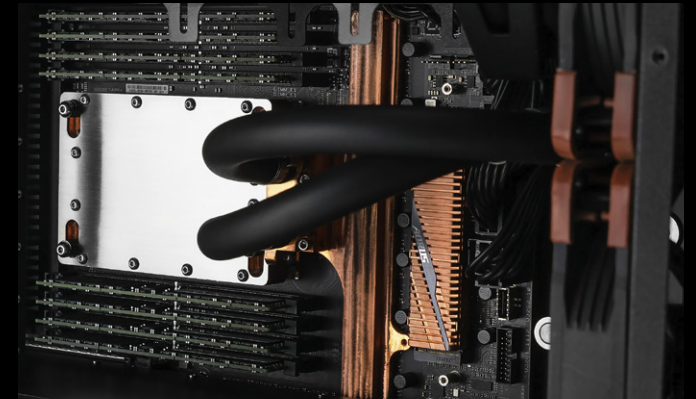


Engineered for Silent & Reliable 24/7 operation in harsh environments up to 38°C / 100°F





- | Up to **6 GPUs & 2 CPUs**
- | Designed to be used **as a desktop** or can be put **in a rack**
- | 3x **140mm fans 3000 RPM** (low noise level)  
or 3x **140mm 5000RPM** (medium noise level)
- | Cooling Capacity **up to 2.5kW**



## LIQUID COOLED

Comino liquid cooling system unleashes the full performance potential of modern top-tier GPUs and CPUs, allows to prolong lifespan of the hardware and ensures silent or low noise 24/7 operation even in harsh environment with no thermal throttling.

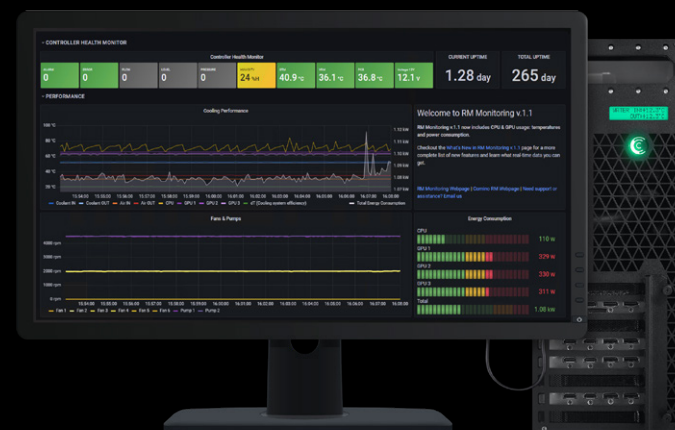
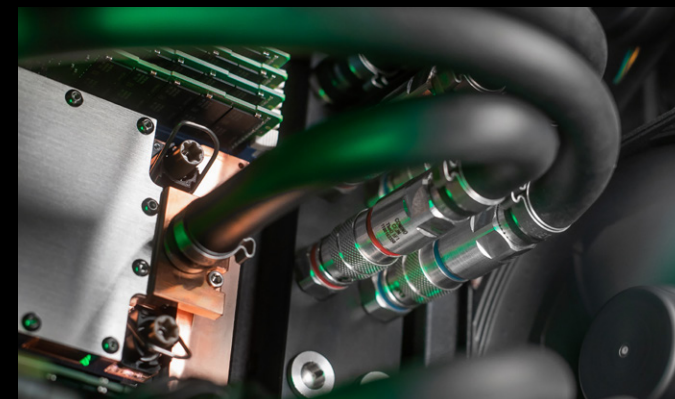
## QUICK-DISCONNECT COUPLINGS

Quick Disconnect Couplings (Comino TheQ) on each GPU and CPU allows to simplify maintaining and reduce maintenance time to increase system availability.

## REMOTE MANAGMENT

BMC chip to provide intelligence for its IPMI architecture for out-of-band management to enhance hardware-level control for improved IT efficiency.

**COMINO'S MONITORING SYSTEM** allows to collect cooling system log offline to analyze device usage history, log failure events and to monitor the temperature statistic. WEB based GUI allows to inspect several devices remotely. The monitoring system increases system availability.



## Maximum Cooling Capacity

**2 500 W**

Maximum cooling capacity is ensured  
@ 20C intake air T and "performance mode" of the cooling system

## Motherboard

**Up to EATX & EBB**

## GPUs

**Up to 7**; NVIDIA: 3090, 4090, RTX A6000, RTX 6000 ADA, A40, L40, L40S, A100, H100;  
AMD: W7800, W7900

## Processors

**Up to 2**; Intel: Core i9, Xeon-W 2400, 3400, Xeon Scalable 4th & 5th Gen;  
AMD: Ryzen 7000, Threadripper PRO 5000WX, 7000WX, EPYC 7003, 9004

## RAM

**Up to 2TB \***

## Storage

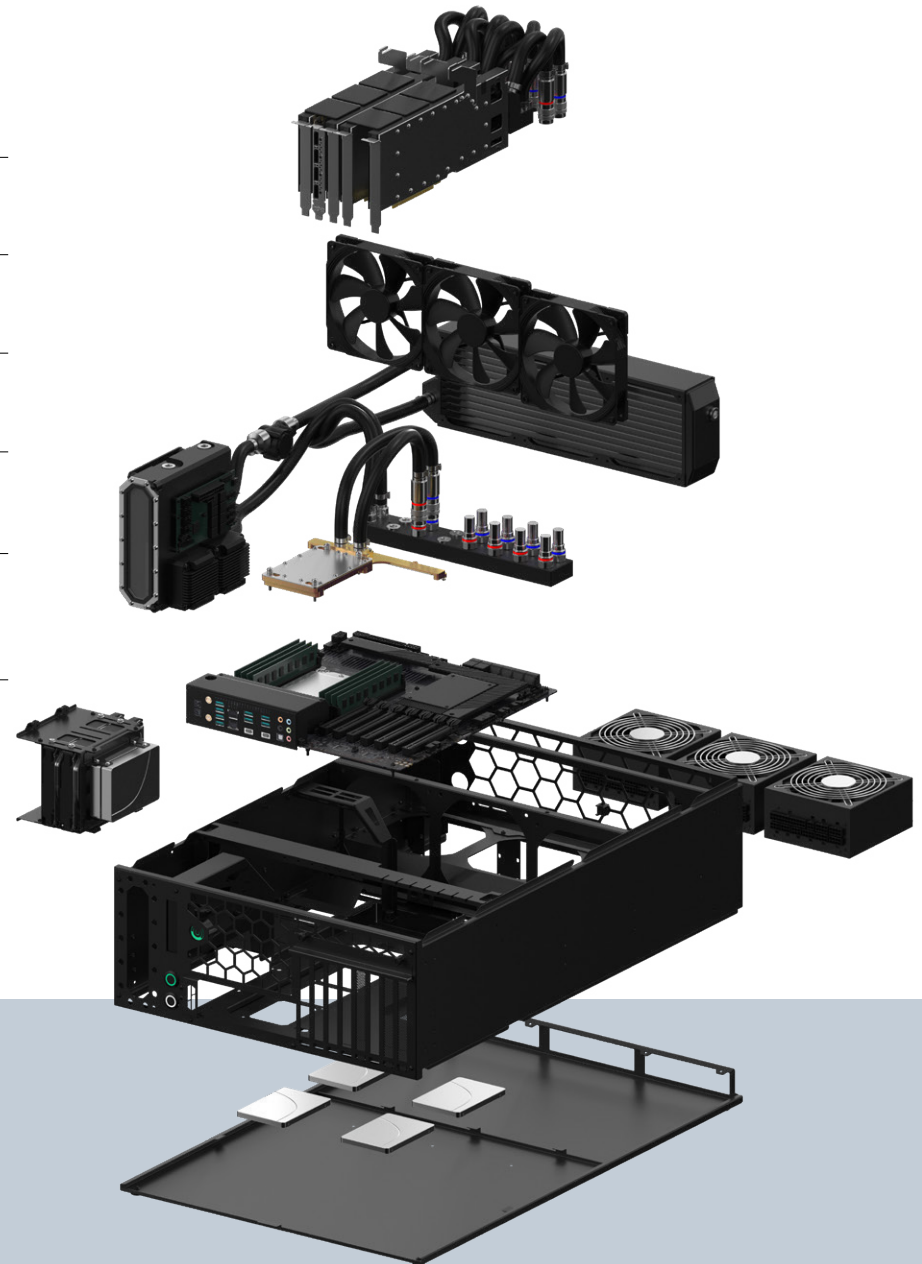
Up to 2 3.5" HDD  
Up to 6 2.5" SSD

## Power Supply System

**Up to 3x SFX-L 1000W**

Power Capacity up to 3kW

\* - depends on the configuration, contact Comino team for clarification



3x 140mm 3000RPM or 3x 140mm 5000RPM fans

Up to 2x 3.5" HDD

Cooling system  
controller

GPU\*

Display

CPU\*

Reservoir

\*Different configurations  
available

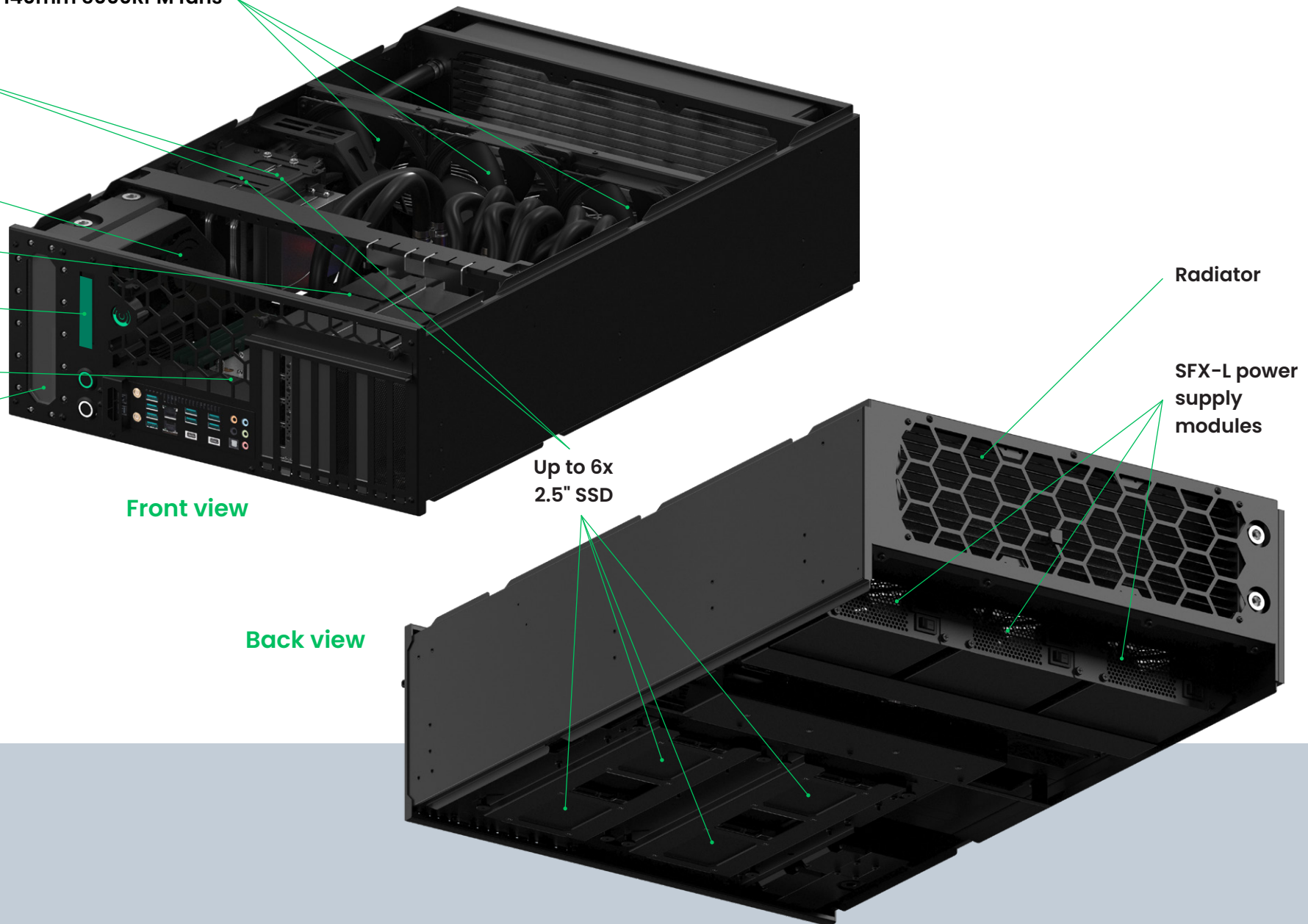
Front view

Back view

Up to 6x  
2.5" SSD

Radiator

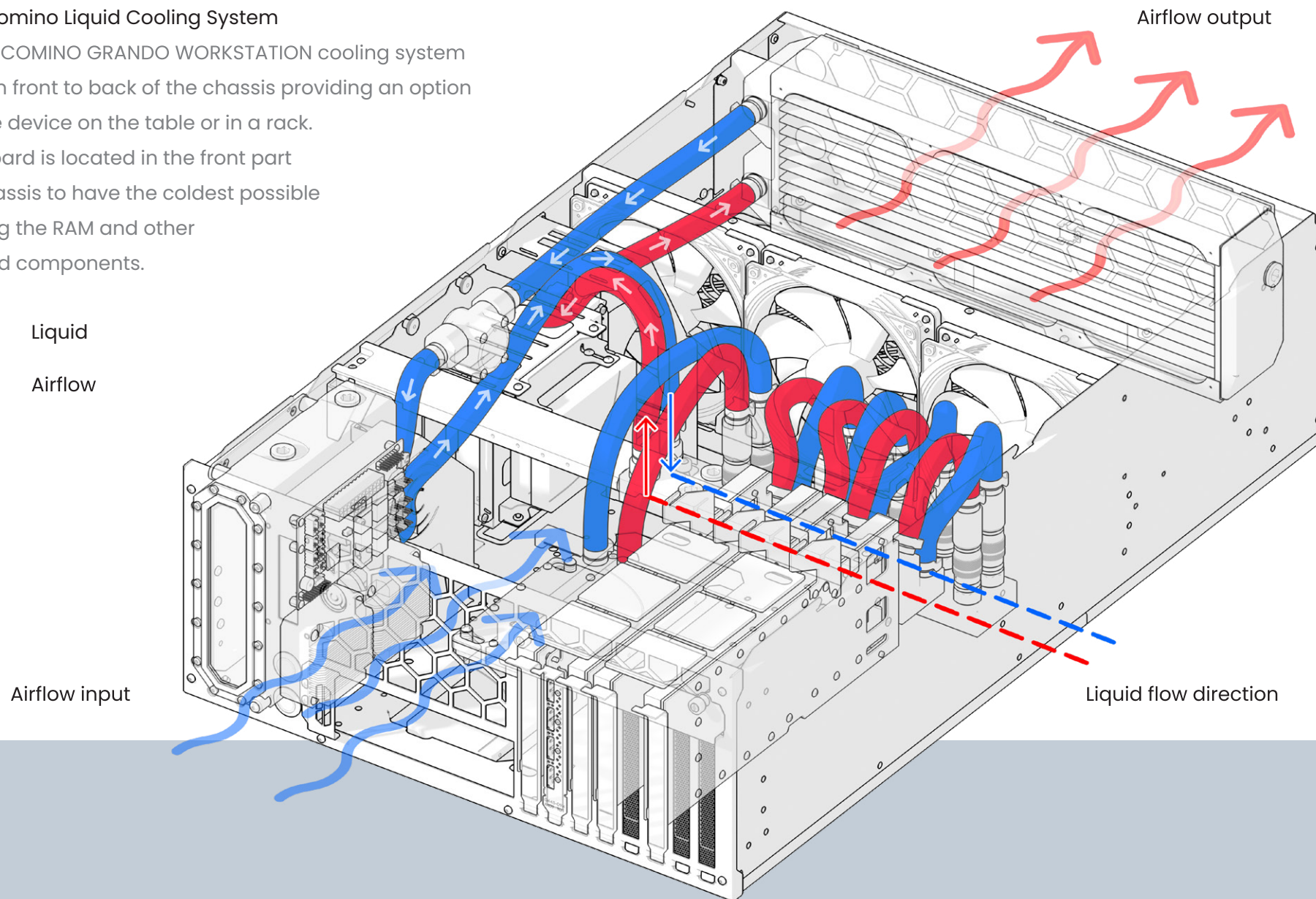
SFX-L power  
supply  
modules

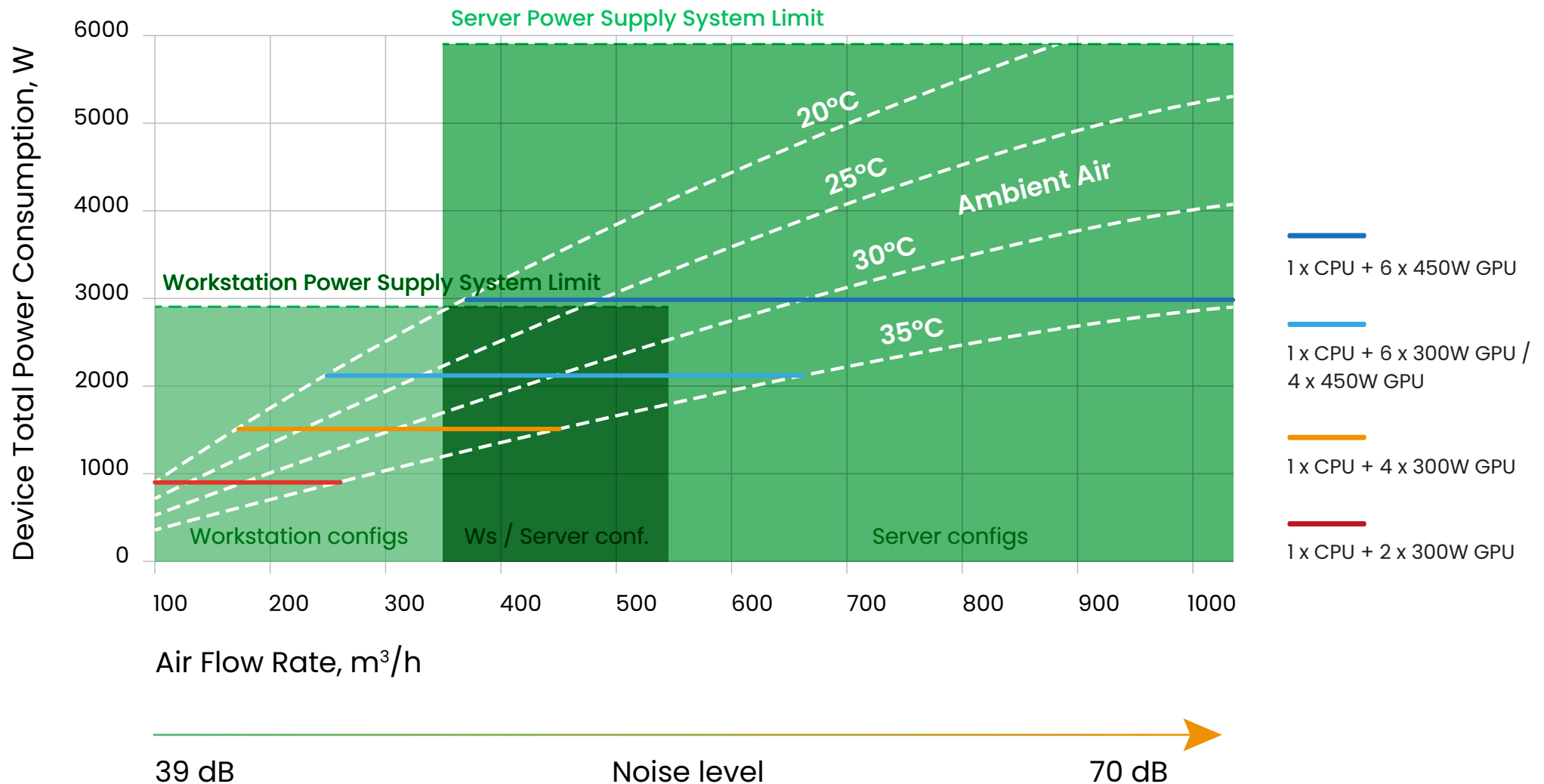


## Unique Comino Liquid Cooling System

Airflow in COMINO GRANDO WORKSTATION cooling system goes from front to back of the chassis providing an option to put the device on the table or in a rack.

Motherboard is located in the front part of the chassis to have the coldest possible air cooling the RAM and other air-cooled components.





All the data is a rough estimation and provided only for informational purposes, please contact Comino team for clarification.

## up to 300W

NVIDIA A100 40Gb (250W)  
NVIDIA A100 80GB (300W)  
NVIDIA RTX A6000 / A40 (300W)  
NVIDIA RTX 6000 ADA / L40 (300W)  
AMD Radeon PRO W7900 (300W)

## up to 350W

NVIDIA H100 80Gb (350W)  
NVIDIA 3080 (320W)  
NVIDIA 3090 (350W)  
NVIDIA L40S (350W)

## up to 450W

NVIDIA 3090 Ti (450W)  
NVIDIA 4090 (450W)

### Consumer Grade

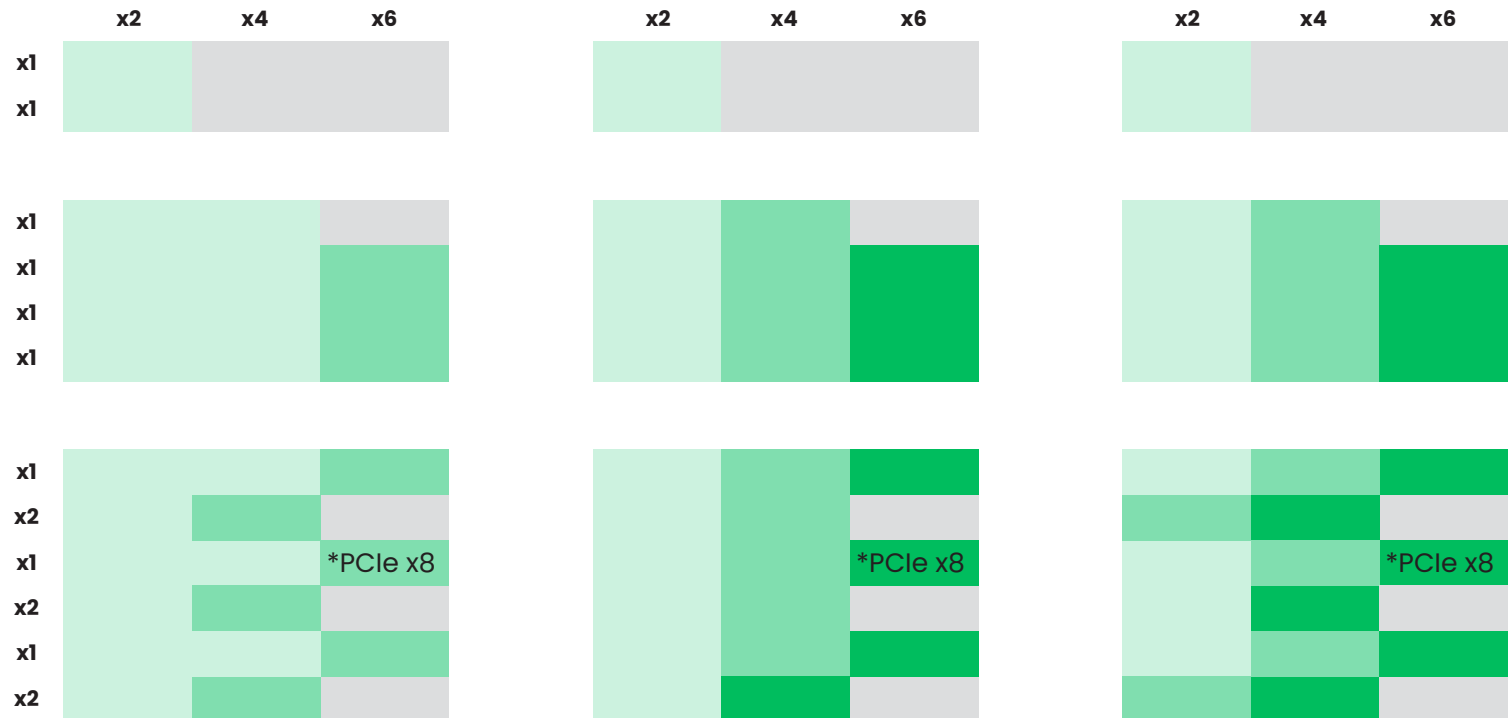
Intel Core-i9  
AMD Ryzen

### Workstation

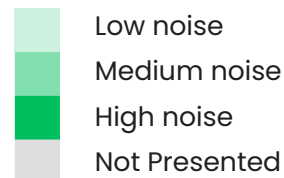
Intel Xeon-W 2400  
Intel Xeon-W 3400  
AMD Threadripper PRO 5000WX  
AMD Threadripper PRO 7000WX

### Server

Intel Xeon Scalable 4th & 5th Gen  
  
AMD EPYC 7003  
  
AMD EPYC 9004



Comino Grando Workstation  
Comino Grando Workstation/Server  
Comino Grando Server

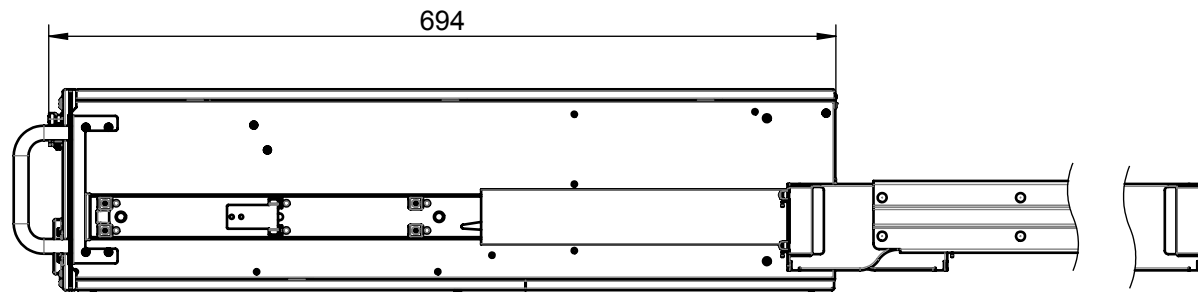


\* In this configuration at least one GPU operates with decreased to PCIe x8 bandwidth

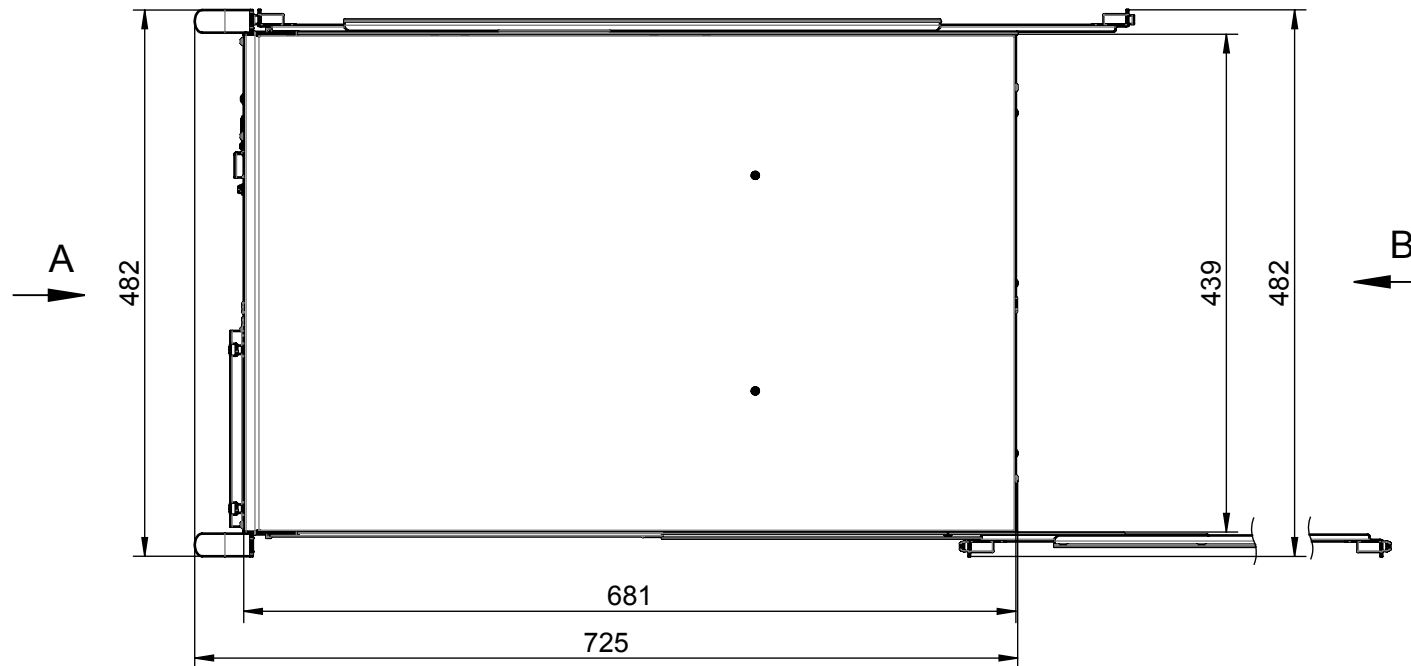
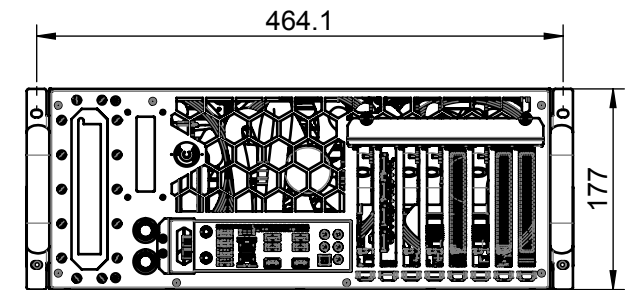
|                           |   |
|---------------------------|---|
| Motherboards              | Up to EATX & EBB  |
| RAM                       | Up to 2TB *   |
| M2 drives                 | Up to 8x NVME<br><br>Internal 3.5" cage up to 2x 3.5" or 2x 2.5" 15mm or 4x 2.5" 7mm;<br>Internal 2.5" slots: up to 6x 2.5" SSD 7mm |
| PSU and Operating voltage | Up to 3x <b>1000W SFX-L</b> @ 110/220V  |
| Cooling Capacity          | 2.5kW   |
| Noise level               | <b>39dB - 50dB</b>  |
| Lan                       | Up to 2x <b>10 Gbit/s</b> on the MoBo and up to <b>400Gbit/s</b> in PCIe  |
| OS                        | Ubuntu / Win10 (Pro/Home) / Windows Server  |

|                                       |  |
|---------------------------------------|--|
| Liquid cooling                        | CPU with VRM and GPU with DDR and VRM  |
| Reservoir                             | Comino custom 450ml with integrated pumps  |
| Pumps                                 | 2x <b>Laing DDC 20W</b>  |
| Radiators                             | 1x <b>120x360mm core</b>   |
| Fans                                  | 3x Low Noise <b>140mm 3000RPM</b> (low noise level) or<br>3x High Flow <b>140mm 5000RPM</b> (medium noise level) |
| Installation                          | <b>Desktop as a Workstation</b> or <b>19"</b> rack-mountable   |
| Required rack space                   | 4U   |
| Size                                  | 439 x 681 x 177mm (without handles and protruding parts)   |
| Weight                                | Comino Grando Workstation with 4 GPUs — <b>45kg</b> (net),<br><b>72kg</b> (gross)                                |
| Operating & storage temperature range | <b>Storage:</b> -5..50° / 23..122°F<br><b>Operating:</b> 3..38°C / 38..100°F *                                   |

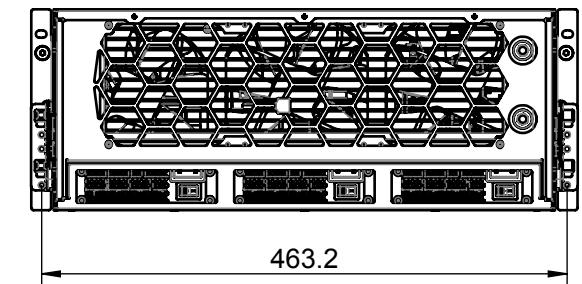
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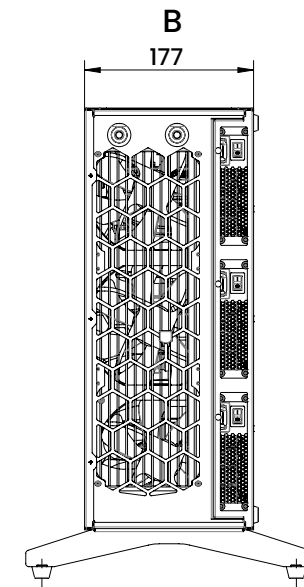
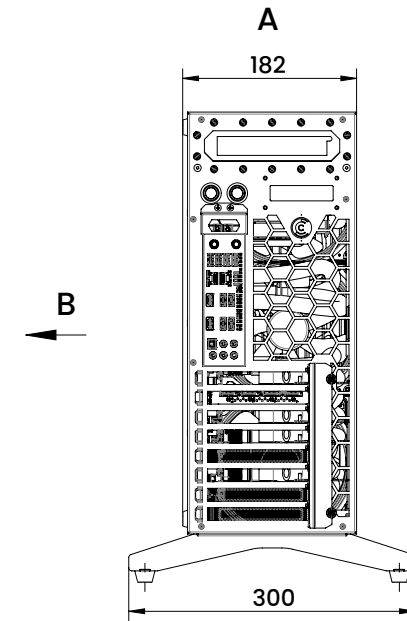
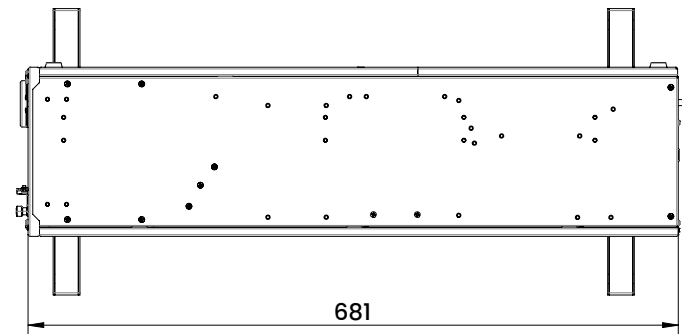
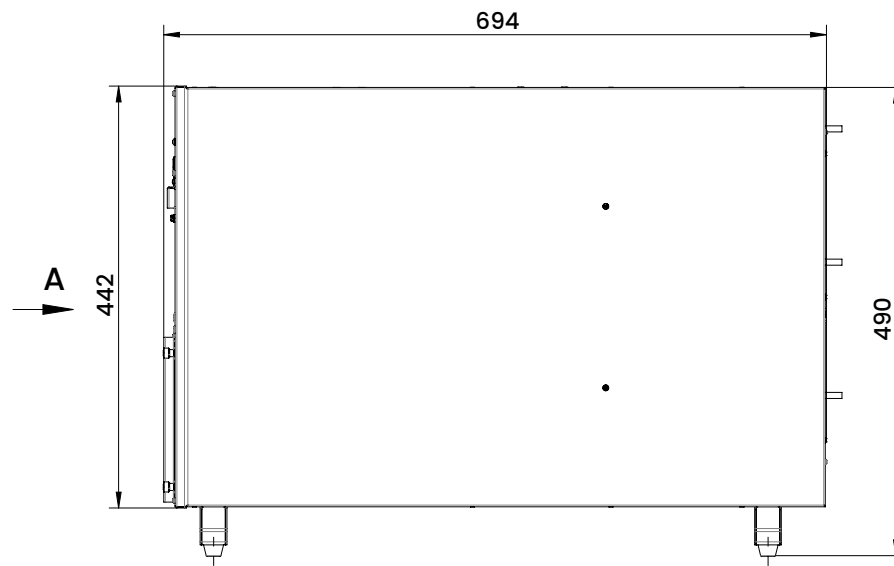


A  $\curvearrowright$  90° (1:5)



B  $\curvearrowright$  90° (1:5)







For more product information visit:

[www.comino.com](http://www.comino.com)  
[grando.ai](http://grando.ai)

Email us: [info@comino.com](mailto:info@comino.com)

**COMINO HOLDING LTD**

30 Churchill Pl, London, England, E14 5RE

+44 203 670 9833

Manufacture Address

Krimuldas iela 2A, LV-1039, Riga, Latvia

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