



# **TENDO DSU2**

**Performance oriented Tendo station**

- ✓ **Tendo**  
Optimized for Tendo  
Build in license dongle
- ✓ **DataExchange ready**
- ✓ **Computer**  
NVMe storage  
9th gen i7 CPU  
Powerfull GPU
- ✓ **Short 4U 19 inch casing**
- ✓ **Multiscreen support**
- ✓ **Thermally validated**



This Tendo station is part of our environmental ecosystem. The 19" receiver is optimized for processing and visualisation applications. It has raid coupled NVMe drives for performance database access and a powerfull CPU and GPU. A stable power supply in combination with a well engineered sustainable airflow guarantee troublefree continuous operation under heavy loads.

Tendo is our cost effective **metocean monitoring and processing software**. To bring this solution as easy as possible to your ship or office environment we designed the a ranged of pre deployed TENDO products. The TENDO DSU station is based on a windows 10 computer that is **optimized for Tendo performance**. This unit is optimized for heavy load processing and visualisation setups.

The **TENDO DSU** has an **SQL database** installed on a raid 1 NVMe solid-state disk to offer you the performance needed on your project.

Because TENDO can use multiple cores to complete its tasks, we selected a CPU that performs well in single and multi core benchmarks. The **9th generation Intel i7 CPU** offers the power needed for your project. A large 120mm fan keeps the processor from throttling even under long time heay loading.

A powerfull Nvidia GPU that can drives up to three displays and gives you a maximum resolution of 7680 x 4320. Thanks to this GPU the TENDO visualisations will be updated effortlessly in real-time. A always one can enjoy **multi-monitor easy drag-n-drop visualizations**, giving instant insight into your data.

Because this unit is fully part of our environmental ecosystem, it perfectly integrates our **TREX dataexchange solution**. This gives you the same easy data access and transfer you are used to from our regular TENDO product

The product comes in a 4U 19" rackmountable solution. The case is fitted with qualitative fans that enable a sustainable airflow and a stable 500W PSU. The design has been **thermally validated** in our climate chamber to give you the performance needed to get the job done.

#### TENDO

- License dongle installed inside
- DataExchange ready

#### Computer

- Intel 9th generation i7 Octacore
- 16GB RAM
- Nvidia GPU 1660ti
- NVMe RAID 1storage for database
- SSD sata RAID 1storage for OS and software

#### Environmental

- Operational temperature 0°C +45°C
- IP20

#### Mechanical

- 483.0mm x 450.0mm x 117.0mm
- Weight TBD

#### Connectors

- 2 x RJ45 (10/100/1000 Mbps ETHERNET)
- 1 x HDMI (1920 x 1200 @ 60 Hz)
- 3 x Display port (tot 7680 x 4320)
- 2 x USB 2.0
- 6 x USB 3.1
- 1 X PS/2
- 1 X C14 (POWER)

#### Power supply

- Input voltage 100-240 VAC
- Input frequency 50 - 60 Hz
- Power rating 500W