

WireView | GPU

High Performance Cooling Solutions – Made in Germany

Thermal Grizzly presents the WireView GPU, a device for measuring the power consumption of graphics, which was developed in cooperation with Jon "elmor" Sandström. At the same time, the U-shaped design of the adapter enables optimised cable routing for clean cable management.

Short Information

- Measurement of power consumption
- Logging of power consumption
- Optimised cable routing

What does the WireView GPU do?

The WireView GPU enables the measurement of the power consumption of graphics cards and records this data to determine the power consumption. This data can be used, for example, to determine the power costs of a graphics card or to compare the power consumption with other graphics cards.

At the same time, the measurement of power consumption can be used to determine the power consumption of graphics cards over a certain period of time or with certain applications. In addition, load peaks in the power consumption ("peaks") can be determined, which can occur during the operation of current high-end graphics cards.



The following displays can be shown on the OLED display of the WireView GPU:

- Display of the current power consumption in watts [W].
- Current power consumption in watts [W], current voltage in volts [V], current in amperes [A].
- Minimum and maximum power consumption in watts [W].
- Average power consumption averaged over 60 seconds [AVG W] and total power consumption [E].

Technical data:

Unit:	Value/Description:
Material (cover):	Aluminium, anodised
Colour:	black
Display type:	OLED
Pin alignment connector:	top ("R") / bottom ("N")
Data connector:	4-pin header
Typical application:	Measurement of power consumption Recording of power consumption Cable management
PU:	7 Pcs.

Name:	Item number:	EAN-Code:	Size:	Power input:	Power output:	Package size:	*Net weight:	*Gross weight:
WV GPU 1x8Pin PCIe N	TG-WV-P18N	4260711990588	47x43x22 mm	1x 8-Pin	1x 8-Pin	20x15x4 cm	22 g	55 g
WV GPU 1x8Pin PCIe R	TG-WV-P18R	4260711990595	47x43x22 mm	1x 8-Pin	1x 8-Pin	20x15x4 cm	22 g	55 g
WV GPU 2x8Pin PCIe N	TG-WV-P28N	4260711990601	47x43x22 mm	2x 8-Pin	2x 8-Pin	20x15x4 cm	30 g	63 g
WV GPU 2x8Pin PCIe R	TG-WV-P28R	4260711990618	47x43x22 mm	2x 8-Pin	2x 8-Pin	20x15x4 cm	30 g	63 g
WV GPU 3x8Pin PCIe N	TG-WV-P38N	4260711990632	47x63x22 mm	3x 8-Pin	3x 8-Pin	20x15x4 cm	33 g	72 g
WV GPU 3x8Pin PCIe R	TG-WV-P38R	4260711990625	47x63x22 mm	3x 8-Pin	3x 8-Pin	20x15x4 cm	33 g	72 g
WV GPU 1x12VHPWR N	TG-WV-H1N	4260711990786	49x43x33 mm	12VHPWR	12VHPWR	20x15x6 cm	42 g	76 g
WV GPU 1x12VHPWR R	TG-WV-H1R	4260711990793	49x43x33 mm	12VHPWR	12VHPWR	20x15x6 cm	42 g	76 g
WV GPU 1x12VHPWR to 3x8 PCIe N	TG-WV-P38H1N	4260711990762	50x63x33 mm	3x 8-Pin	12VHPWR	20x15x6 cm	45 g	84 g
WV GPU 1x12VHPWR to 3x8 PCIe R	TG-WV-P38H1R	4260711990779	50x63x33 mm	3x 8-Pin	12VHPWR	20x15x6 cm	45 g	84 g

*Net weight is the total weight of an article excluding the weight of packaging and accessories. The gross weight refers to the total weight of the product including accessories and packaging. Slight weight deviations are possible due to production factors.

Why a power meter for the graphics card?

With the WireView GPU, the power consumption of a graphics card can be displayed in real time, which is particularly relevant for extreme overclockers and hardware reviewers, but is also helpful when testing the performance of a graphics card. Since no additional software needs to be run to capture power consumption during testing, benchmark results, for example, are not affected. When manually overclocking the graphics card (e.g. with MSI Afterburner, ASUS GPU Tweak, EVGA Precision), the adjustments made in the software can also be checked directly on the OLED display of the WireView GPU in the form of the changed power consumption.

In addition to displaying the power consumption in real time, the WireView GPU saves the measured data in the internal memory, for example, to record the average consumption of the graphics card over a longer period of time. The stored data can be reset during operation.

In addition to graphics cards, other PCI expansion cards are also compatible with the WireView GPU as long as they have appropriate PCIe power connections.

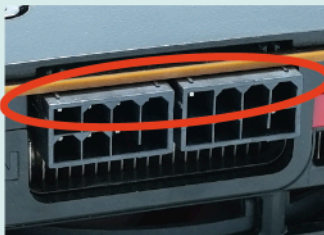
Which WireView GPU is required?

Regardless of the number of PCIe power connectors on the graphics card, i.e. 1x8-pin, 2x8-pin or 3x8-pin, the orientation of the connectors is crucial for choosing the right WireView GPU. The WireView GPU is available in the versions "Normal" (N) and "Reverse" (R). The same applies to the 12VHPWR 16-pin power connector.

If the graphics card is fitted with PCIe power connectors with the connector retaining clips facing away from the PCB, the "N" version is required. With normal horizontal installation of the graphics card, this would be at the bottom. The "N" variant is the most common type of connector orientation.

If the graphics card is equipped with PCIe power connectors with the connector retaining clips aligned with the PCB, the "R" variant is required. In normal horizontal installation of the graphics card, this would be Top. This can be easily recognised by the fact that there are recesses in the PCB for the retaining lugs of the connector.

normal



reverse



"High Power" variants for the 12VHPWR connector

The WireView GPU is also available in two "high power" variants for the 12VHPWR connector. The first variant has one 12VHPWR input and output each, while the second variant is connected to the graphics card via 12VHPWR and to the power supply via three 8-pin PCIe connectors.

When using the 12VHPWR adapter, make sure that each of the three 8-pin PCIe connectors is connected to the power supply unit with a separate 8-pin PCIe cable. The use of a splitter (Y-cable) is strongly discouraged! The configuration of the 12VHPWR corresponds to the 600W version.

Lieferumfang

- 1x WireView

Trademark Information

Thermal Grizzly is a registered trademark.

Please note

The data in this technical data sheet are based on our current knowledge and experience. Due to the large amount of possible factors, this should not be construed as to release the users from doing their own tests and screening. No legally binding assurance of specific properties or applicability for a concrete purpose should be derived from these data. Please consider contacting us for further detail. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.