WireView PRO II



High Performance Cooling Solutions

The WireView Pro II was specifically developed for demanding use with modern high-end graphics cards equipped with a 12V-2x6 connector and represents the advanced version of the WireView Pro. Current is measured not only as a total value, but individually for each conductor of the 12V-2x6 connector. This allows potential contact issues between the cable and the graphics card to be identified immediately. The WireView Pro II was specifically designed to enable precise monitoring of the 12V-2x6 connector, allowing load distribution issues to be detected at an early stage and helping to prevent possible damage to the graphics card and the 12V-2x6 connector.

The WireView Pro II is available in three variants and can therefore be used with compatible graphics cards equipped with a 12V-2x6 connector. The "Normal" and "Reversed" variants enable clean cable routing depending on the connector orientation of the graphics card and also function as a 90-degree adapter. The Wired version features a permanently attached 40 cm power cable with a 12V-2x6 connector, allowing it to be positioned freely inside the case. The included mounting brackets provide flexible mounting options, while cable combs on the power cable help improve cable management.

Automatic Data Recording

An integrated memory regularly records relevant operating data to help trace possible fault events. The data recorded includes the 12-volt currents measured per pin, the total power consumption, and the temperature at the 12V-2x6 output near the connector (T-Out). A data set is stored every 60 seconds. The memory provides capacity for approximately 340 days of full-load operation or around 3–4 years of typical use before older entries are automatically overwritten. The collected data supports both fault analysis and the further development of safer connector solutions within the community.

Scope of Delivery

- WireView Pro II
- USB-C to USB 2.0 internal connection cable (60 cm)
- Y-splitter for motherboard power function
- Short temperature sensor (5 cm)
- Long temperature sensor (20 cm)

Additionally included with the Wired version:

- Permanently attached 40 cm power cable with 12V-2x6 connector
- Mounting brackets
- Three cable combs

Monitoring

All safety-relevant parameters such as currents (A), voltages (V), temperatures (°C), and power consumption (W) are continuously measured. Thermal Grizzly defines limit values for these parameters that should not be exceeded during normal operation, as doing so may increase the risk of thermal damage to the connector. If a limit value is exceeded, a visual warning is shown on the display and an acoustic alarm is triggered. Optionally, the system can be shut down automatically via the included splitter cable. The preset limit values can be adjusted via the configuration menu.

Technical Details

Property:	Value / Description:
Housing material:	Aluminium
Color:	Black / white, depending on variant
Display:	320 × 170 pixel TFT IPS color display
Connector orientation / variant:	Normal ("N") / Reverse ("R") / Wired ("W")
Connector type:	12V-2x6
Additional connections:	USB-C 2 × 2-pin connectors for temperature sensors, 10k NTC 2-pin connector for motherboard power button
Measurement tolerance:	±4%
Packing unit WireView Pro II:	4 pcs.

Product name:	SKU:	EAN code:	Dimensions:	Packaging dimensions:	Net weight*:	Gross weight*:
WireView Pro II Reversed	TG-WV-P2-H19R	4260711992483	62,5x65x20 mm	11,3x10,5x8,5 cm	81,5 g	194,5 g
WireView Pro II Normal	TG-WV-P2-H19N	4260711992490	62,5x65x20 mm	11,3x10,5x8,5 cm	81,5 g	194,5 g
WireView Pro II Reversde White	TG-WV-P2-H19R-W	4260711992957	62,5x65x20 mm	11,3x10,5x8,5 cm	81,5 g	194,5 g
WireView Pro II Normal White	TG-WV-P2-H19N-W	4260711992964	62,5x65x20 mm	11,3x10,5x8,5 cm	81,5 g	194,5 g
WireView Pro II Wired	TG-WV-P2-H19W	4260711993824	62,5x65x33 mm	25,2x18,2x5,3 cm	114 g	220 g
WireView Pro II WHITE EDITION Transformation Kit	TG-WV-P2-WTK	4260711993237	62,5x65x19 mm	6,8x6,9x2,3 cm	36 g	62 g

*The net weight is the total weight of an item excluding the weight of the packaging and accessories. The gross weight refers to the total weight of the product including accessories and packaging. Minor weight deviations may occur due to production tolerances.

Short Information

- Advanced version of the WireView Pro with extended functionality
- Per-pin current measurement for maximum monitoring precision
- Extended warranty with GPU connector protection for 2 years
- Automatic data logging for fault analysis
- In-house developed 12V-2x6 connector for optimum compatibility
- Available as Normal, Reverse, and Wired version
- Plug-and-play operation without configuration
- 90-degree cable routing with the Normal and Reverse versions
- Free positioning inside the case with the Wired version
- CNC-machined aluminium housing with active cooling function
- Semi-passive 30 mm fan controlled by temperature and power load
- Temperature measurement at the input and output of the 12V-2x6 connector
- Two external 10k NTC temperature sensors included
- USB-C for user-performed firmware updates
- USB-C to USB 2.0 adapter cable for internal PC connection
- 320 × 170 pixel TFT IPS color display
- Main view: per-pin monitoring, power consumption, connector detection, fan %, output temperature
- Simple View: total power consumption, pin with highest current, voltage, hottest sensor
- Current Monitor: per-pin current in amperes with visual limit indicator
- Voltage Monitor: per-pin voltage and average value
- Power Monitor: per-pin power and total power
- Temperature Monitor: display of all 4 temperature sensors
- Acoustic and visual warning messages when limit values are exceeded
- Extensive display configuration options
- Global settings for alarms, Cycle Mode, design, and fan control

Wired information:

- 40 cm power cable with 12V-2x6 connector
- Included mounting brackets for flexible mounting options
- Three cable combs on the power cable

Extended Warranty and Clarity for the End Customer

To ensure a high level of operational safety, the WireView Pro II is equipped with an extended warranty that goes beyond the statutory warranty and the standard manufacturer's warranty. If damage to the 12VHPWR or 12V-2x6 connector of the graphics card occurs despite the integrated protection mechanisms, Thermal Grizzly will carry out repairs or provide an equivalent replacement if repair is not possible. This protection also applies after the original warranty of the graphics card has expired. A prerequisite for making a claim is proper use in accordance with the operating instructions and within the operating parameters specified by the GPU manufacturer. The term of the extended warranty is 2 years from the date of purchase.

With this guaranteed protection package, we provide maximum transparency and security: the customer invests in state-of-the-art monitoring technology and can rely on Thermal Grizzly to provide fast and straightforward support in the event of damage, helping to ensure lasting maximum performance without unnecessary risks.

Please Note

The information in this technical data sheet is based on our current knowledge and experience. Due to the wide range of possible influencing factors during use, it does not release the installer or user from carrying out their own checks and tests. No legally binding assurance of specific properties or suitability for a particular intended use can be derived from the information provided. We reserve the right to make changes to product specifications as part of technical progress or operational development. Our recommendations do not release the user from the obligation to independently check and, if necessary, resolve any potential infringement of third-party intellectual property rights. Depending on the individual case, we recommend consulting us. Subject to typographical errors.

Cooling

Due to unavoidable contact resistance at plug connections, additional heat loss is generated during operation with high-performance GPUs. To ensure controlled heat dissipation, a semi-passive fan has been integrated. It operates silently at idle and is automatically activated when power consumption or temperature increases. The CNC-machined aluminium housing features ventilation openings and serves as an active heatsink. Optimized airflow through openings in the rear PCB supports airflow along all heat-relevant components.

With the Wired version, cooling can additionally benefit from installation near an intake case fan. The additional airflow supports heat dissipation and can help the device operate more frequently in passive mode.

Variants and Connector Orientation

The WireView Pro II is available with a 12VHPWR or 12V-2x6 16-pin connector in the "Normal" (N), "Reversed" (R), and "Wired" (W) versions:

- If the graphics card is equipped with power connectors where the four sense pins of the connector are located between the PCB and the 12 power contacts, the "N" variant is required:
  PCB – 4 × sense pins – 12 × power contacts.

- If the graphics card is equipped with power connectors where the 12 power contacts are located between the PCB and the four sense pins of the connector, the "R" variant is required:
  PCB – 12 × power contacts – 4 × sense pins.

- The "Wired" version is connected to the 12V-2x6 connector of the graphics card via a permanently attached 40 cm power cable. This means that direct mounting of the device to the GPU power connector is not required, expanding compatibility and positioning options inside the case.

A compatibility list for identifying the connector orientation is available in the download section.

WHITE EDITION Transformation Kit

The WVPII WHITE EDITION Transformation Kit consists of a white front cover and white cables. The set can be used to convert the black WireView Pro II in the Normal and Reversed versions to the white version. In addition, the WVPII WHITE EDITION Transformation Kit can be used to equip the WireView Pro II Wired with a white cover. However, the kit does not include a white cover for the rear of the WireView Pro II Wired. The WVPII WHITE EDITION Transformation Kit is not compatible with the WireView Pro II Noctua Edition!

Compatibility

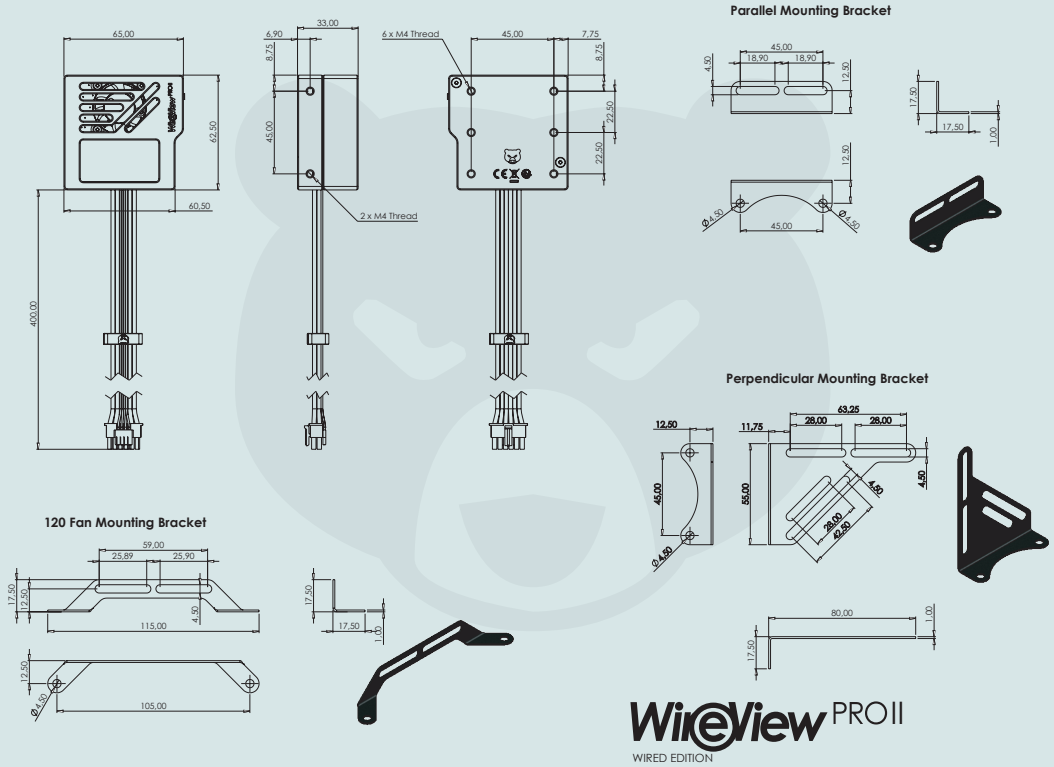
- WireView Pro II Normal
- WireView Pro II Reversed
- WireView Pro II Wired

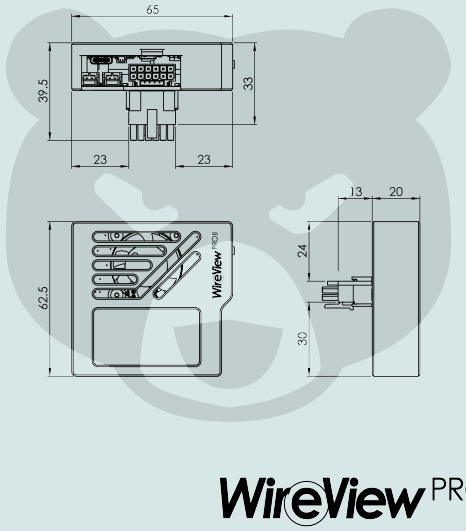
Trademark Information

Thermal Grizzly is a registered trademark.

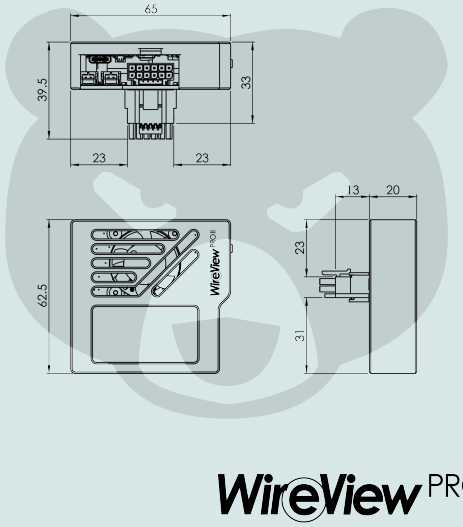
Compatibility Check

Before installation, the general compatibility of the WireView Pro II with the respective system must be checked. This includes not only compatibility with the graphics card and the orientation of the 12V-2x6 connector, but also the available installation space inside the case and possible collisions with other PC components such as the side panel, radiator, fans, cables, or additional expansion cards. The included drawings and dimensional specifications must be used to verify compatibility. Installation may only be carried out if sufficient space is available and all plug connections can be inserted completely and without mechanical stress.





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