



WireView PRO II

noctua EDITION

High Performance Cooling Solutions

The WireView Pro II - Noctua Edition is a monitoring and current measurement device for high-performance graphics cards with a 12V-2x6 connector. In addition to total power consumption, the currents in the individual 12-volt wires are measured separately. This enables early detection of unusual load distribution and potential contact issues.

The Noctua Edition combines the functionality of the WireView Pro II with a specially adapted cooling solution. A Noctua NF-A4x10 PWM fan, a Noctua-optimized fan grill and an enlarged CNC-machined aluminum housing provide efficient, quiet cooling.

The WireView Pro II is a patented development by Thermal Grizzly and is protected by European patent EP4250057.

Cooling

A Noctua NF-A4x10 PWM fan provides active cooling in a semi-passive operating mode. At low loads, the fan remains switched off. It activates automatically depending on temperature and power consumption.

The Noctua-optimized fan grill supports efficient airflow with low noise levels. The enlarged CNC-machined aluminum housing contributes to passive heat dissipation. An additional cooling plate with a thermal pad improves heat transfer from the relevant components to the housing. The adapted cooling system combines effective heat dissipation with particularly quiet operation.

Noctua conducted internal cooling tests under extreme conditions. In a test system without a case fan, the temperature inside the case was measured at over 40 °C. In the tests, the Noctua Edition was able to dissipate the heat generated by the WireView Pro II more effectively than the standard version, both passively and actively with fans running, while active operation with spinning fans was quieter than with the standard version. More information and tests on the cooling performance of the WireView Pro II Noctua Edition can be found in the news section.



Scope of Delivery

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

Monitoring

The WireView Pro II - Noctua Edition continuously monitors currents, voltages, temperatures and power consumption. Measuring the current load on each individual pin separately enables early detection of irregularities in load distribution.

If defined thresholds are exceeded, a visual warning appears on the display and an audible alarm is triggered. Automatic system shutdown can also be configured via the included splitter cable. The preset thresholds can be adjusted in the configuration menu.

Technical Data

Unit:	Value/Description:
Housing material:	Aluminum, CNC-machined
Connector type:	12V-2x6
Connector pin orientation:	Normal ("N") / Reversed ("R")
Fan:	Noctua NF-A4x10 PWM
Fan control:	Semi-passive, based on temperature and power consumption
Passive cooling:	Aluminum housing, additional cooling plate and thermal pad
Display:	TFT-IPS color display, 320 × 170 pixels
Display orientation:	On-screen display can be rotated by 180°
Temperature measurement:	At the input and output of the 12V-2x6 connector
External temperature sensors:	Two 10 kΩ NTC temperature sensors

Name:	Item number:	EAN code:	Packaging size:	*Net weight:	*Gross weight:
WireView Pro II GPU Normal Noctua EDITION	TG-WV-P2-H19N-NF	4260711993855	11,1x10,5x8,8 cm	120 g	228 g
WireView Pro II GPU Reversed Noctua EDITION	TG-WV-P2-H19R-NF	4260711993862	11,1x10,5x8,8 cm	120 g	228 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

- Per-pin current measurement for precise monitoring of load distribution
- Continuous measurement of current, voltage, temperature and power consumption
- Audible and visual warnings if thresholds are exceeded
- Optional automatic system shutdown via the included splitter cable
- Individually adjustable thresholds and alarms
- Extended warranty covering the GPU connector for two years in accordance with the warranty terms and conditions
- Automatic data logging for subsequent failure analysis
- Custom-designed 12V-2x6 connector
- Available in Normal (N) and Reversed (R) connector orientations
- 90° cable routing for optimized cable management
- Noctua NF-A4x10 PWM fan
- Noctua-optimized fan grill
- Enlarged CNC-machined aluminum housing
- Semi-passive fan control based on temperature and power consumption
- Additional passive heat dissipation via a cooling plate and thermal pad
- Temperature measurement at the input and output of the 12V-2x6 connector
- Two external 10 kΩ NTC temperature sensors included
- TFT-IPS color display with 320 × 170 pixels
- On-screen display can be rotated by 180°
- Main View: per-pin readings, power consumption, connector detection, fan control percentage and output temperature
- Simple View: total power consumption, highest-current pin, voltage and hottest sensor
- Current Monitor: per-pin current in amps with visual threshold indication
- Voltage Monitor: per-pin voltage and average value
- Power Monitor: per-pin power and total power
- Temperature Monitor: display of all four temperature sensors
- Configurable display views and automatic view switching via Cycle Mode
- Noctua-specific default design with brown design elements
- Interchangeable display design with preset designs or designs individually customized using the software
- USB-C for firmware updates
- USB-C to USB 2.0 connection cable for internal PC integration
- Optional software for device configuration and for reading and exporting stored measurement data
- Standalone operation without additional software
- Plug-and-play operation without prior configuration

User-Friendliness

The integrated TFT-IPS color display presents the measured values in various views. The on-screen display can be rotated by 180° in the settings, independently of the connector orientation.

The Noctua Edition comes with a customized display design featuring Noctua's signature brown design elements as standard. This can be replaced with other available designs or designs individually customized using the software.

The device is fully functional without additional software. The optional WireView Pro II software can be used to adjust device settings and to read, analyze and export stored measurement data, among other functions.

Automatic Data Logging

An integrated memory logs relevant operating data at regular intervals. The recorded data includes the currents in the individual 12-volt wires, total power consumption and the temperature near the 12V-2x6 output connector. The stored measurement data enables subsequent analysis of operation and supports the investigation of potential error events.

Variants and Connector Orientation

The WireView Pro II - Noctua Edition is available in Normal (N) and Reversed (R) connector orientations. The required variant depends on the orientation of the graphics card's 12V-2x6 connector and the desired cable routing. Both variants act as a 90° adapter and, depending on the connector orientation, allow the cable to be routed neatly toward the bottom of the case.

Compatibility Check

Before purchase, compatibility with the graphics card and the system in use must be checked. The compatibility list and technical drawings are available in the download section of the product page for this purpose.

The compatibility list assumes a horizontal installation of the graphics card with the cable routed toward the bottom of the case. The technical drawings must also be used to check whether the WireView Pro II - Noctua Edition is compatible with the graphics card, the case and, if applicable, the CPU cooler.

Extended Warranty and Clarity for the End User

The WireView Pro II - Noctua Edition includes an extended warranty valid for two years from the date of purchase. Should damage occur to the graphics card's 12VHPWR or 12V-2x6 connector despite proper use and the integrated protective mechanisms, Thermal Grizzly will carry out repairs in accordance with the extended warranty terms and conditions. If repair is not possible, an equivalent replacement will be provided.

The full terms and conditions of the extended warranty are available in the download section of the product page.

Trademark Information

Thermal Grizzly is a registered trademark.

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.