Read the cooling signals

Separate a requested target, a reported reading and a protection condition.

Interface meanings depend on the model, firmware build and cooling mode. This sheet describes fields; it does not prescribe operating settings.

Auto | A temperature goal drives adjustment

INPUTS

Target Temperature (°C): requested goal.
Chip temperature (°C): feedback reading.

→

CONTROL

Fans adjust automatically within the configured Fan Speed Limit percentage range.

→

READBACK

Speed (%): reported fan level.
Fan RPM: rotations per minute.

Manual | A fan percentage is set directly

INPUT

Fan Speed (%): fixed requested setting.

→

CONTROL

Manual fan control does not automatically maintain a chip-temperature target.

→

READBACK

Read fan RPM and chip temperature separately. The setting is not a temperature reading.

SEPARATE CONDITION / Critical Chip Temperature

A protection threshold associated with stopping mining in the documented logic. Keep it separate from the ordinary target and the current sensor reading.

Keep the label, unit and measurement point

FIELD	HOW TO READ IT
Fan RPM / rev/min	Reported rotations per minute. Keep the fan identifier.
Speed / %	Overview reports a fan level; Manual Fan Speed is a setting. A percentage alone does not establish the RPM.
Target Temperature / °C	A requested goal in Auto. Use the chip-temperature reading to observe the actual temperature.
Chip temperature / °C	Keep the chip or board label and any min/max qualifier. A range is not one temperature.

Other locations: PFC/LLC are PSU components when telemetry is available. Inlet/outlet identify liquid measurement points in the documented Immersion view. Do not substitute these readings for chip temperature.

Record one observation

Time + zone: _____ Model / build: _____ Screen / mode: _____

Field + location: _____ Role: _____ Value + unit: _____

Keep missing fields as “not available”; preserve status words such as Error. Compare records only after matching their context.

Full guide: https://vnish.global/academy/cooling/reading-temperature-and-fan-signals/

Primary definitions: HashCore Mining (Cooling / Control) and Overview (Cooling / PSU / Hashboards).

https://docs.hashcore.com/en/firmware/obzor-veb-interfeysa/mining
https://docs.hashcore.com/en/firmware/obzor-veb-interfeysa/obzor-glavnyy-ekran