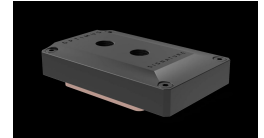


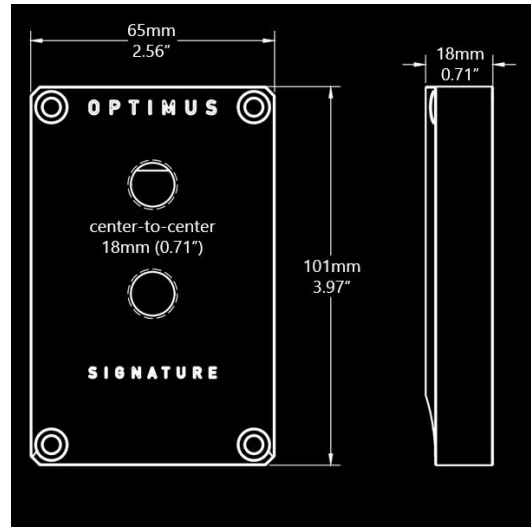
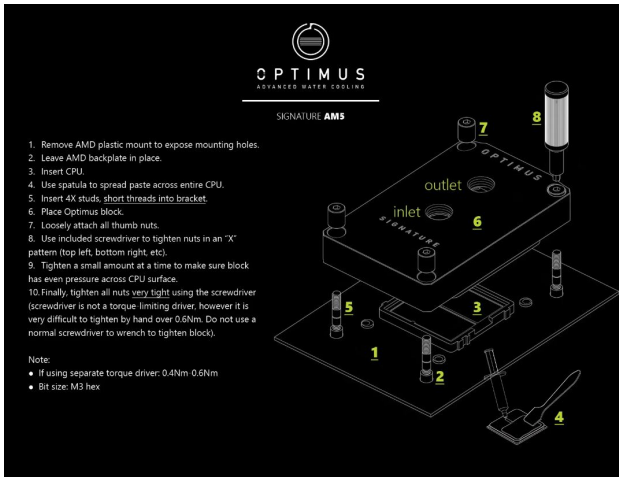


# OPTIMUS SIGNATURE V3 CPU BLOCK - AMD- BLACK CERAMIC- RAW COPPER COLD PLATE

\$269.00

## Product Images





## Short Description

The Optimus Signature V3 block is the finest CPU block ever created for AMD AM5 CPUs.

With the goal of creating the best ever, we went back to the drawing board and redesigned a CPU block from the ground up.

100% new cold plate, revolutionary Jet Structure and a monolithic metal body worthy of the Signature name.

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## Features

### THE FINEST AMD WATERBLOCK EVER CREATED

- Insane performance: 8-12c better than competing bare die block
- 1c-4c better on an IHS than a delidded CPU bare die block
- All new machined 2 piece ultra-optimized jet block insert.
- New Signature Gen3 cold plate with 25% increase in surface area.
- Higher flow and lower restriction than previous Signature V2 block.
- Massive brass monoblock structure.

- Custom micro-screwdriver for near-perfect torque installation.
- Incredibly strong ceramic Cerakote finish
- Raw copper or Pro-XE Nickel cold plate available (choose nickel for liquid metal)
- Includes Kingpin KPX thermal paste.
- 10 year warranty, 100% made in Chicago, USA.

BARE DIE: Includes mounting for bare die, does not include bare die frame. Standard IHS installation is highly recommended (users will see possibly 6c improvement going to bare die).

## Specifications

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### Materials

- TOP PLATE: US-sourced brass monoblock
- COLD PLATE: US-sourced premium C110-grade copper
- COLD PLATE FINISH: Raw copper or electroless Pro-XE nickel
- THUMB NUTS: US-sourced machined 6061 aluminum, satin hard anodized
- O-RINGS: US-made plasticizer-free EPDM o-rings
- MOUNTING POSTS: US-made 18-8 stainless steel stainless steel cold plate screws

### Assembly Details

- Variable Torque Driver: 0.5 Nm-0.6 Nm
- Mounting bit size: M3 Hex

### Compatibility

- MOUNTING: AMD AM5 and AM4 sockets. Not compatible with Threadripper TR4, Epyc or AM3
- CPUs: Compatible with Ryzen 7000+, 5000 and 3000 CPUs

### In The Box

- 1 x Signature V3 AMD CPU Block
- 4 x Optimus CNC Mounting Posts
- 4 x Optimus CNC Thumb Screws
- 4 x Optimus Bare Die spacers
- 1 x Optimus M3 Hex Mini Screwdriver
- 1 x Kingpin KPX thermal paste syringe

### FAQ

- LIQUID METAL? BARE DIE? Go for it! Remember, liquid metal will etch copper immediately, though some builders like the performance of pure copper. Liquid metal will discolor nickel, but etching will take far longer. In both cases, performance of the cold plate won't be effected.
- THERMAL PASTE? We include Kingpin KPX thermal paste. However, numerous thermal pastes are also excellent. Thermal Grizzly Kryonaut and Arctic MX4 are two of the highest performance we have tested.
- FLOW DIRECTION? Fluid needs to flow in a specific direction -- center of fins and then out. On the V3 Signature block, the "in" is closer to the center of the block and the "out" is towards the top edge of the block.
- FLUSHING? All Optimus products have already been cleaned before shipping. You'll only need to flush

your radiators and non-Optimus products. In fact, heavy system prep chemicals can be detrimental if they remain in small quantities in your loop. This can easily happen with fluid pressurized into o-ring grooves through heating.

- **CLEANING?** Microfiber is your friend. Dish soap and water is ideal for our products. Always use microfiber glass cloths to prevent any scratches, especially on cold plates. Do not scrub, simply hand rinse. Isopropyl alcohol is not needed and can cause discoloration.
- **COPPER OXIDATION?** Copper will immediately begin to oxidize (turn brown) when exposed to air. This is normal and expected and won't affect performance unless the oxidization is extreme, like the statue of liberty. But you're not leaving your blocks out by the ocean, are you?

## Additional Information

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Brand	Optimus
SKU	OP-CPU-SIG3-AMD-BLK-CU
Weight	2.0000
Color	Black
CPU Series	AMD AM4 AM5
Block CPU Type	AMD
Block Style	Nickel
Vendor SKU/EAN	850015187018

