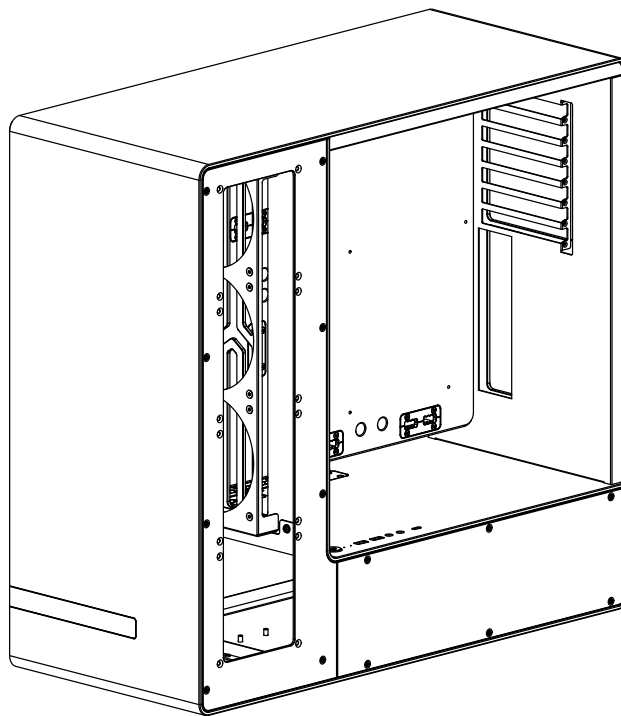


# EK-Quantum InWin 909EK Silver Limited





Thank you for purchasing our co-branded limited edition InWin 909EK chassis. We hope you enjoy your new case.

Feel free to follow us on social media.

 EKWaterBlocks

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Before you start using this product, please follow the basic guidelines:

**Carefully read the manual before you begin the installation process!**

**EK fittings require only a small amount of force to screw them firmly into place since the liquid seal is ensured by the rubber o-ring gaskets.**

**The use of corrosion-inhibiting coolants is always recommended for any liquid cooling system. EK recommends any of the EK CryoFuel coolants for worry-free usage.**

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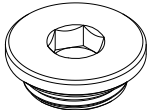

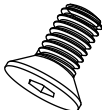

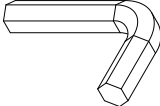
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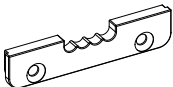
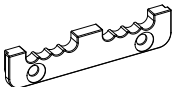
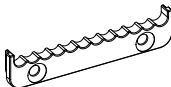
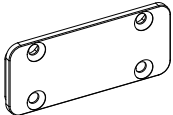
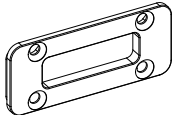
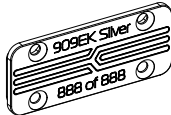
## TECHNICAL SPECIFICATIONS

- Model name: InWin 909EK
- Dimensions (W x D x H): 255 x 575 x 540mm
- Color: Silver
- Tempered Glass Panel: No
- Power Supply Compatibility: ATX Length up to 250mm
- Motherboard Compatibility: ATX, Micro-ATX, Mini-ITX (and E-ATX up to 277mm wide)
- Drive Compatibility: two 3.5" or 2.5" drives in the bottom chamber
- Maximum GPU Length: 365mm
- Maximum GPU Width: 180mm


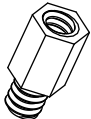






## ACCESSORIES

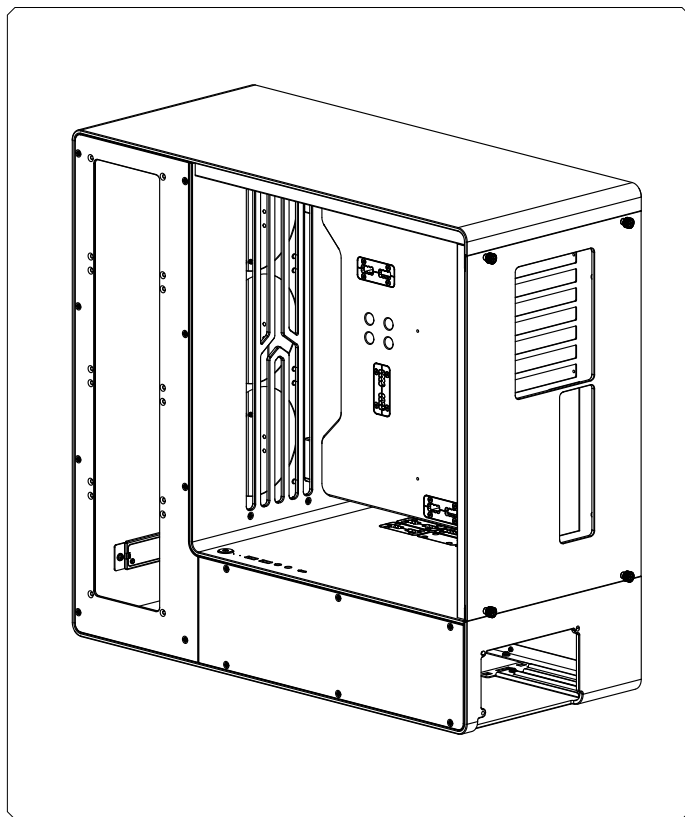
### 1. InWin 909EK Distro Plate Accessories

M3x5 Cable Guide Screws 65x 	EK-PLUG G1/4 4x 	Allen Key 2,5 
M4x8 Pump Screws 8x 	Allen Key 2 	Allen Key 6 

Cable Guide – 8 14x 	Cable Guide – 8+8 18x 	Cable Guide – 24 18x 
Blank Plate 6x 	Cable Guide – USB 1x 	Build Number Plate 1x 

## 2. InWin 909EK Chassis Accessories

M3x5 2.5" HDD Screws 10x 	Motherboard Stand-Off 11x 	#6-32x8 PSU Screws 6x 
M3x6 Fan Side Panel Spare Screws 6x Black 	Motherboard Stand-Off Socket 1x 	#6-32x6 Motherboard Screws 15x 
M3x6 Fan Bracket Spare Screws 2x Nickel 	#6-32x6 Radiator Screws 40x 	

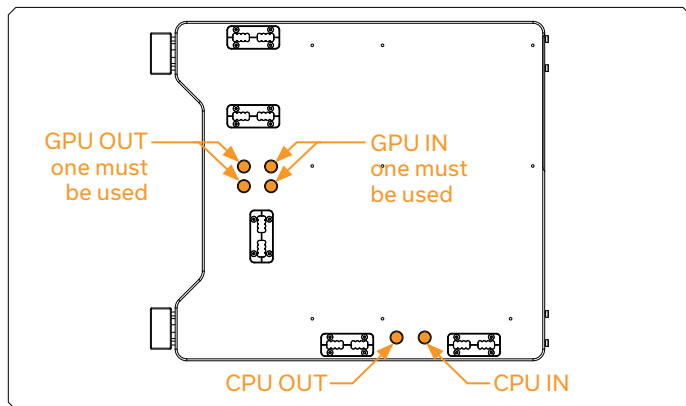


Congratulations on receiving one of only 200 EK-Quantum InWin 909EK Silver Limited cases in existence. This product was conceived and developed as the ultimate showcase for EK-Quantum parts.

Your new case includes a pre-installed distribution plate with an integrated cable management solution. In addition, there are mounting holes provisioned for up to two D5 Standalone pumps, two XE 480 Radiators, and eleven Vardar 120mm Fans. This guide details how to install all of your chosen cooling components.

- I - Distribution Plate Configuration
- II - Pump Installation
- III - Radiator and Fan Installation
- IV - Testing the Loop
- V - Cable Management Guides

## DISTRIBUTION PLATE CONFIGURATION



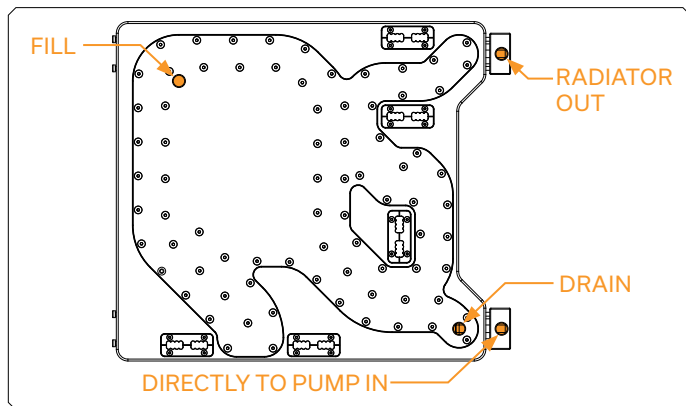
In order to complete your loop, all of the ports should be used as marked in the diagrams. **One port of each type must be used.** In the eventuality that a GPU or CPU block is not installed into the system, the respective inlet and outlet ports must still be connected to each other.

When using Standalone pumps it is essential that the PUMP IN port is connected directly to the Inlet of the pump so that the impeller is always submerged during operation. Failure to do so will cause permanent damage to the pump.

To make installation of the tubing with different motherboard configurations easier, there are multiple connection options for the GPU. One of the inlet and one of the outlet ports must be used.

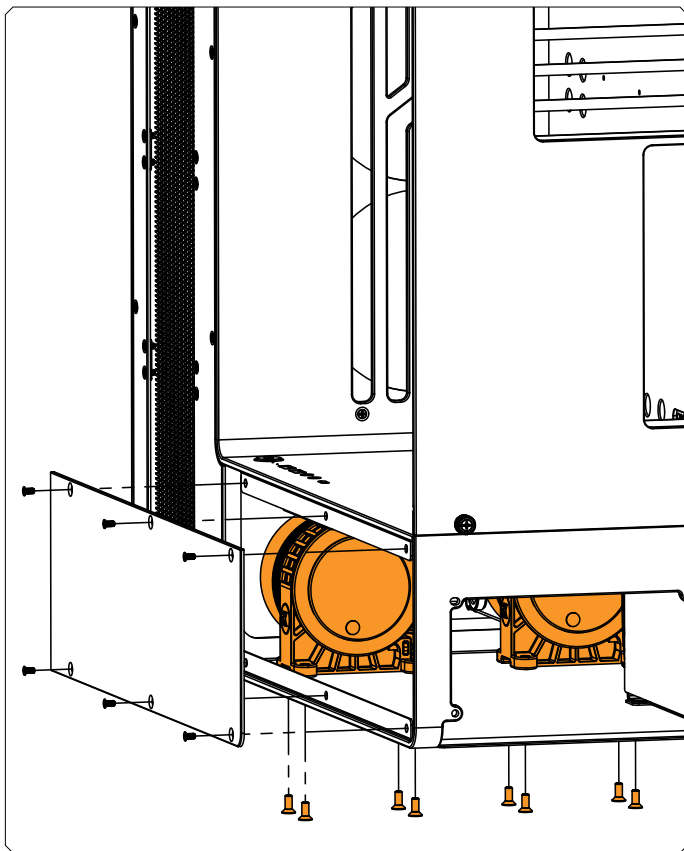
All remaining and unused ports should be closed using the supplied plugs and a 6mm Allen key.

EK recommends EK-Quantum Torque fittings.



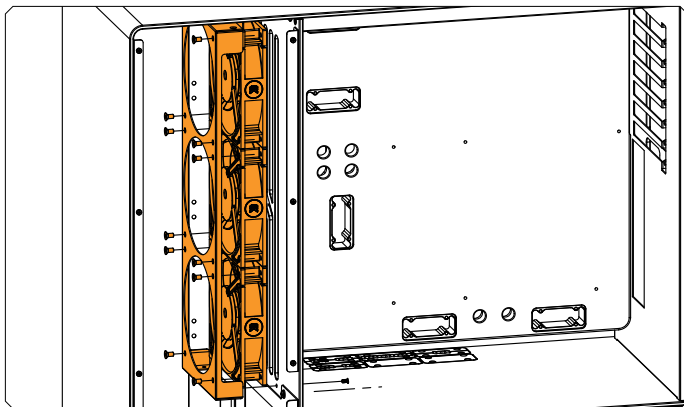


## PUMP INSTALLATION

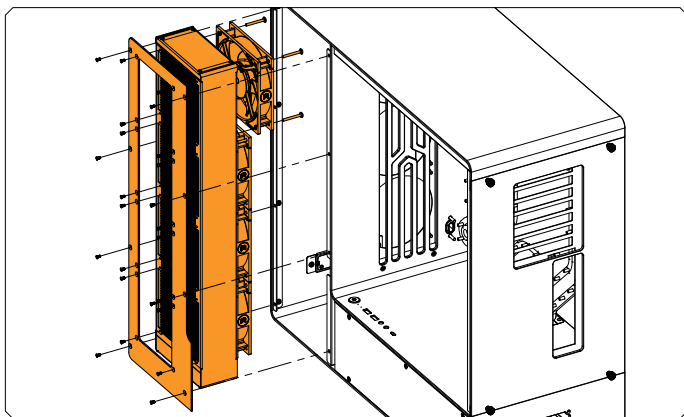


D5 Standalone pumps can be installed directly to the chassis using the supplied M4x8 Countersunk screws and pre-drilled mounting holes.

## RADIATOR AND FAN INSTALLATION



Radiators and Fans may be mounted onto the 3 brackets outside of the case and then installed together. EK recommends the use of ZMT 10/16mm tubing for the radiators and pumps to prevent kinks.



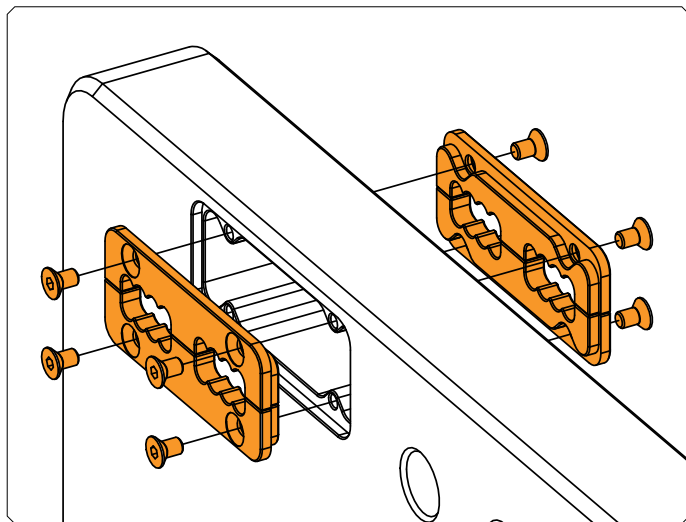
## TESTING THE LOOP

To make sure the installation of your EK components was successful, we recommend you perform a leak test for 24 hours.

When your loop is complete and filled with coolant, connect the pump to a PSU outside of your system. **Do not connect power to any of the other components.** Turn on the PSU and let the pump run continuously. It is normal for the coolant level to drop during this process as air collects in the reservoir.

Inspect all parts of the loop, and in the eventuality that coolant leaks, fix the issue and repeat the testing process. Ensure that all hardware is dry before the system is powered on in order to prevent any damage.

## CABLE MANAGEMENT GUIDES



The InWin 909EK also includes Cable Guides which can be used to manage individually sleeved cables, ensuring each wire stays parallel without the need to disassemble your cable.

To install them, simply pass a cable through the distribution plate and plug it in. Then place a guide around either side and screw it in place using the supplied M3x5 Countersunk screws.

## SUPPORT AND SERVICE

For assistance please contact:

**<http://support.ekwb.com/>**

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Slovenia - EU

