

## THIS MANUAL IS FOR THE FOLLOWING MODELS

Dieses Handbuch gilt für die folgenden Modelle | Ce manuel concerne les modèles suivants | Este manual es para los siguientes modelos | 此手册适用于以下型号

<b>PH-TC12ST4_DBK01</b>	Polar ST4	Black D-RGB
<b>PH-TC12ST5_DBK01</b>	Polar ST5	Black D-RGB
<b>PH-TC12S4_DBK01</b>	Polar S4	Black D-RGB
<b>PH-TC12S5_DBK01</b>	Polar S5	Black D-RGB

### Legenda

Legende | Légende | Leyenda | 说明

■ Remove | Entfernen | Retirer | Eliminar | 移除

■ Install | Installieren | Installer | Instalar | 安装

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**EN** Phanteks will not take responsibility for any damages incurred due to incorrect installation or usage of this product.

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**DE** Phanteks übernimmt keine Verantwortung für Schäden, die durch eine falsche Installation oder Verwendung dieses Produkts entstehen.

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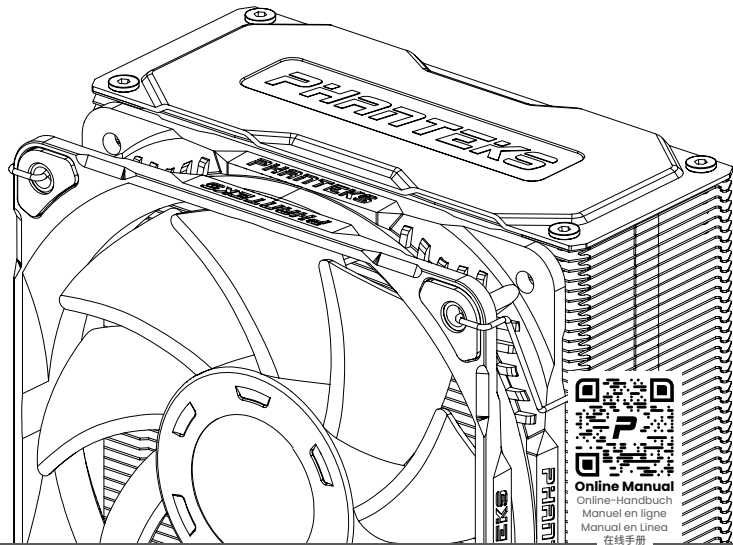
**FR** Phanteks décline toute responsabilité en cas de dommages résultant d'une installation ou d'une utilisation incorrecte de ce produit.

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**ES** Phanteks no se responsabilizará de los daños ocasionados por la instalación o el uso incorrectos de este producto.

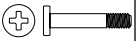

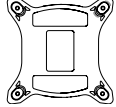
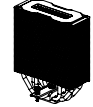
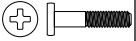


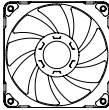




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**CN** Phanteks 不会对安装中失误造成的任何损失负责, 请仔细阅读本手册。



## SCOPE OF DELIVERY

Lieferumfang | Contenu de la livraison | Alcance de la entrega | 供货范围

 <b>Intel 115x   1200   1700 Screw</b> x4	 <b>Intel 1700 Stand-off</b> x4	 <b>Intel Backplate</b> x1	 <b>Polar ST4   ST5</b> x1
 <b>AMD AM4   AM5 Screw</b> x4	 <b>Intel 1200   AMD Stand-off</b> x4	 <b>Universal Socket Bracket</b> x2	 <b>M25-120 D-RGB Fan*</b> x1
 <b>PH-NDC Thermal Paste</b> x1	 <b>Low Noise Adapter</b> x1	 <b>Fan Wire Clips</b> x4	
 <b>D-RGB Mainboard Adapter</b> x1			

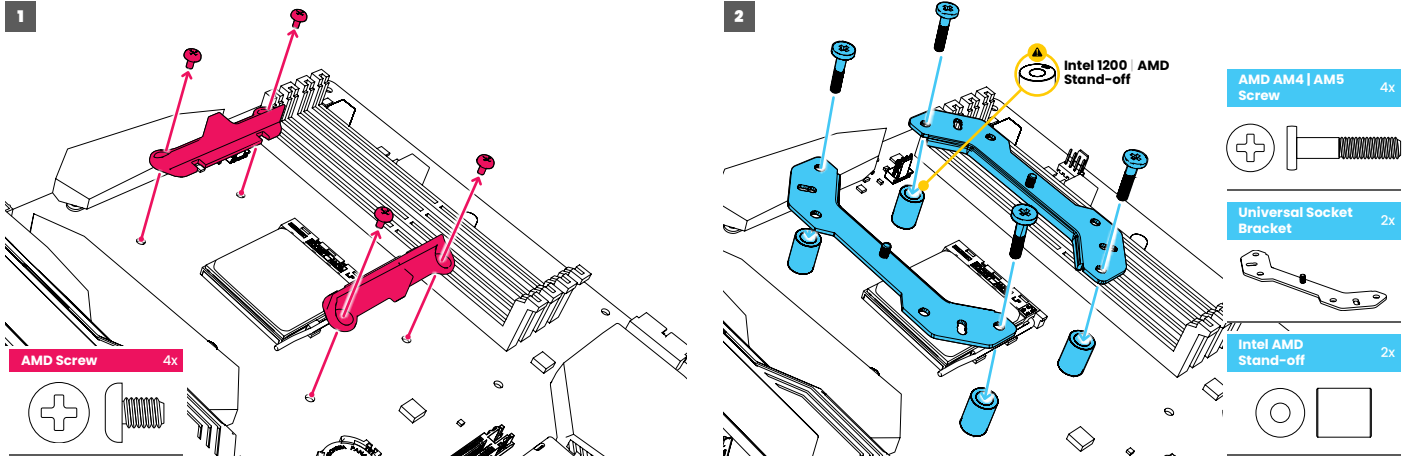
\*Depending on model

## MAINBOARD PREPARATION

Mainboard-Vorbereitung | Préparation de la carte mère | Preparación de la placa base | 主板准备

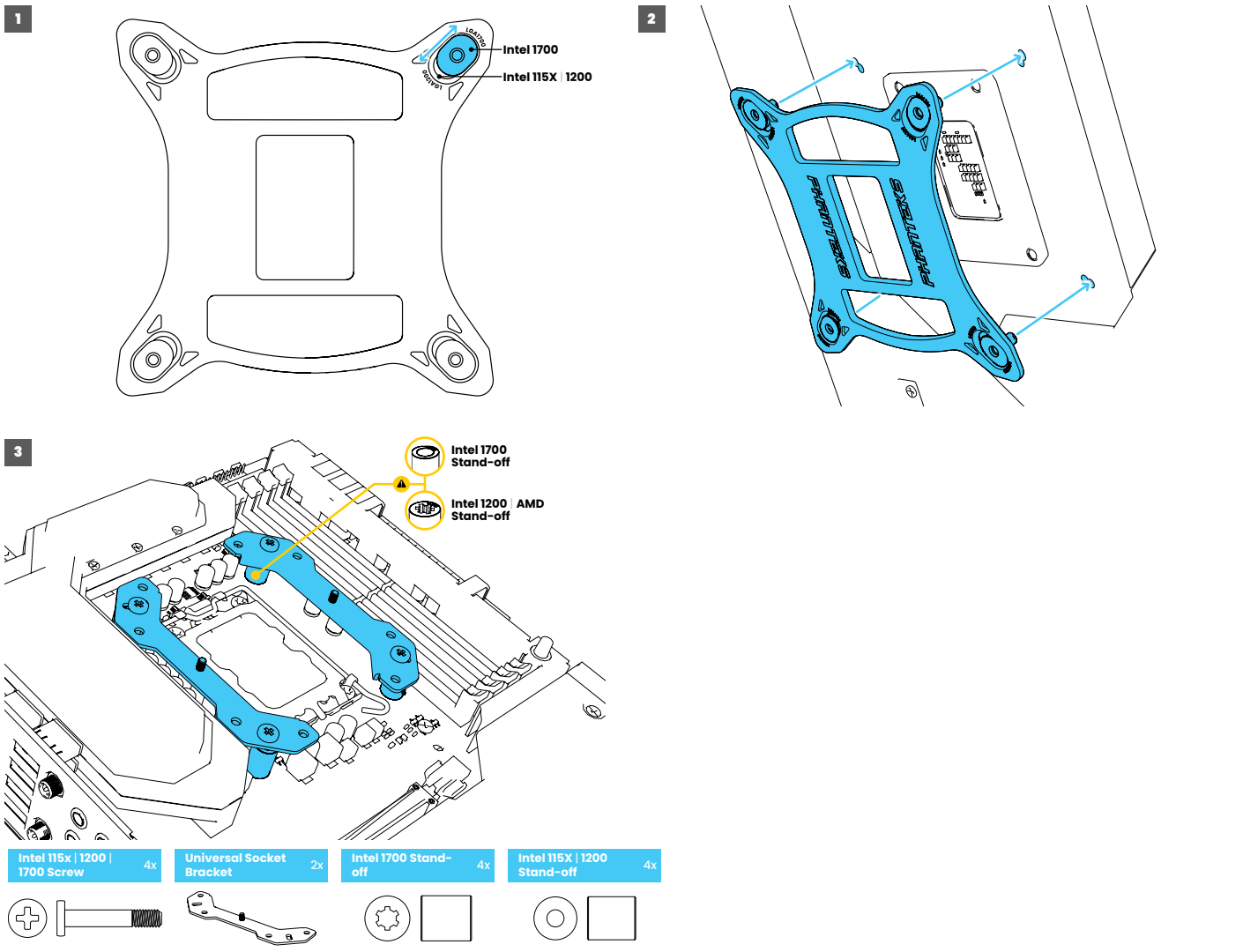
### A AMD SOCKET AM4 | AM5

AMD-Sockel AM4|AM5 | Prise AMD AM4|AM5 | Zócalo AMD AM4|AM5 | AMD 插槽 AM4|AM5



### B INTEL SOCKET 115X | 1200 | 1700

Intel-Sockel 115X|1200|1700 | Prise Intel 115X|1200|1700 | Zócalo Intel 115X|1200|1700 | 英特尔 插槽 115X|1200|1700

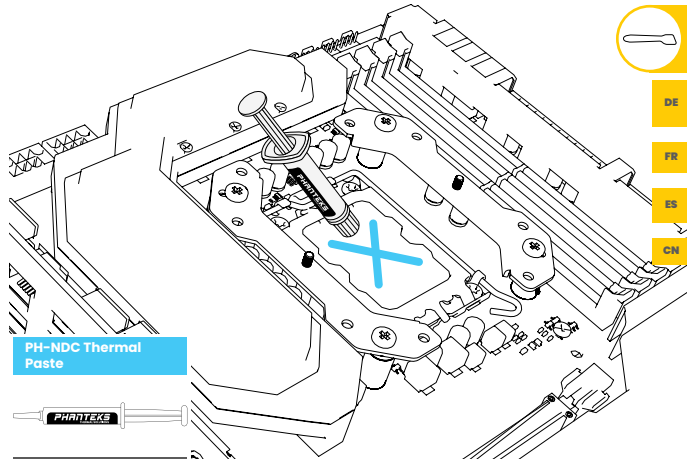


## INSTALLING THE HEATSINK

Einbau des Kühlkörpers | Installation du dissipateur thermique | Instalación del disipador de calor | 安装散热器

### 01 APPLY THERMAL COMPOUND ON THE CPU

Tragen Sie Wärmeleitpaste auf die CPU auf | Appliquez de la pâte thermique sur le processeur | Aplicar compuesto térmico en la CPU | 在CPU上涂抹导热膏



#### PRO TIP

Apply thermal compound in an 'X' shape on the CPU for optimal spreading.

DE

Tragen Sie Wärmeleitpaste in X-Form auf die CPU auf, um eine optimale Verteilung zu gewährleisten.

FR

Appliquez de la pâte thermique en forme de "X" sur le processeur pour une répartition optimale.

ES

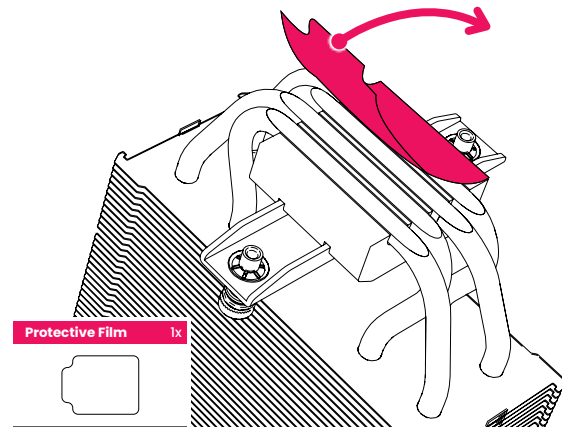
Aplique compuesto térmico en forma de "X" en la CPU para una distribución óptima.

CN

在CPU上涂抹“X”形状的导热膏, 以实现最佳散热效果。

### 02 REMOVE PROTECTIVE FILM FROM HEATSINK

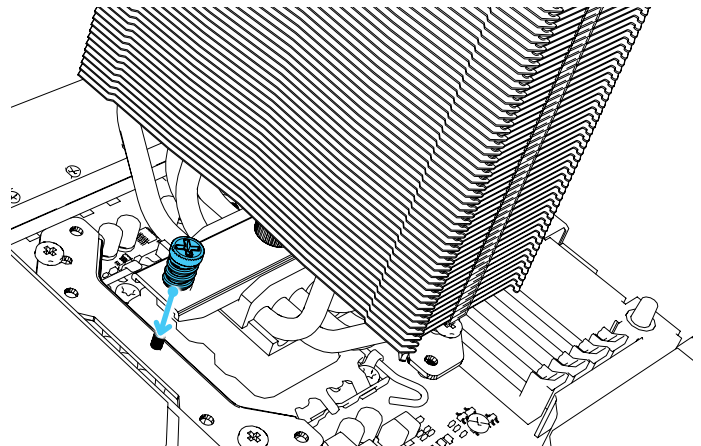
Schutzfolie vom Kühlkörper entfernen | Retirez le film protecteur du dissipateur thermique | Retire la película protectora del disipador de calor | 撕掉散热器上的保护膜



Protective Film 1x

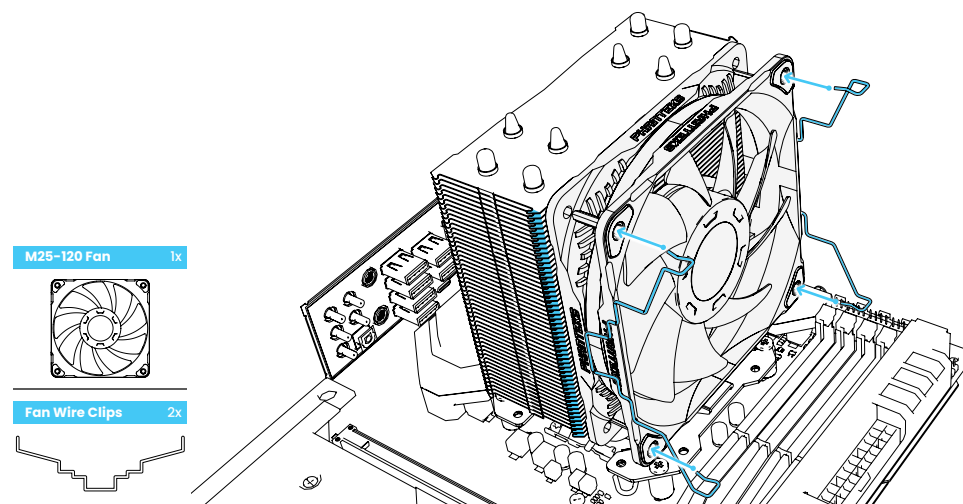
### 03 SECURE THE HEATSINK TO THE MAINBOARD

Befestigen Sie den Kühlkörper am Mainboard | Fixez le dissipateur thermique à la carte mère | Asegure el disipador de calor a la placa base | 将散热器固定到主板上



## INSTALLING THE M25-120 FAN

Installieren des M25-120-Lüfters | Installation du ventilateur M25-120 | Instalación del ventilador M25-120 | 安装 M25-120 风扇



M25-120 Fan 1x

Fan Wire Clips 2x



#### PRO TIP

We recommend to install the fan in a push configuration on the front of the CPU cooler for best performance.

DE

Für eine optimale Leistung empfehlen wir, den Lüfter in einer Push-Konfiguration an der Vorderseite des CPU-Kühlers zu installieren.

FR

Nous vous recommandons d'installer le ventilateur dans une configuration push à l'avant du refroidisseur de processeur pour de meilleures performances.

ES

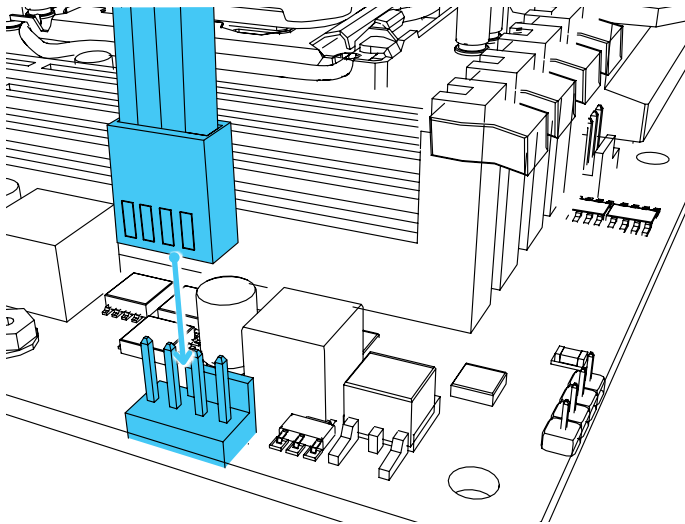
Recomendamos instalar el ventilador en una configuración de empuje en la parte frontal del refrigerador de la CPU para obtener el mejor rendimiento.

CN

我们建议将风扇以推动式配置安装在 CPU 冷却器的前面, 以获得最佳性能。

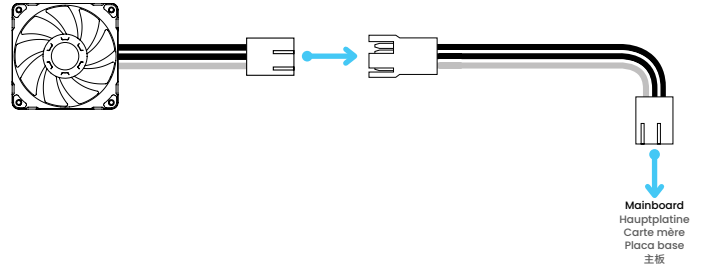
## CONNECTING THE M25-120 FAN CABLE

Anschließen des M25-120-Lüfterkabels | Connexion du câble du ventilateur M25-120 | Conexión del cable del ventilador M25-120 | 连接M25-120风扇线材



### Optional: Connecting the low noise Adapter

Schließen Sie das rauscharme Adapterkabel an | Connectez le câble adaptateur à faible bruit | Conecte el cable adaptador de bajo ruido | 连接低噪音适配器电缆



Low Noise Adapter 1x

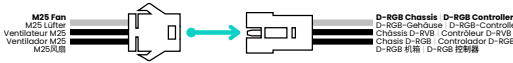


## D-RGB CABLES

D-RGB-Kabel | Cables D-RVB | Cables D-RGB | D-RGB 线材

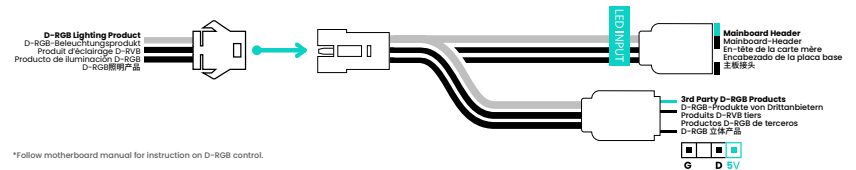
### Connect to D-RGB Controller & products

Stellen Sie eine Verbindung zu D-RGB-Controllern und Produkten her | Connectez-vous au contrôleur et aux produits D-RGB | Conéctese al controlador D-RGB y a sus productos | 连接到 D-RGB 控制器和产品



### Optional: Sync lighting to the motherboard

Beleuchtung mit dem Mainboard synchronisieren | Synchroniser l'éclairage avec la carte mère | Sincronizar la iluminación con la placa base | 将灯光同步到主板



\*Follow motherboard manual for instruction on D-RGB control.

## SAFETY INFORMATION

SICHERHEITSMITTEILUNG | INFORMATION DE SÉCURITÉ | INFORMACIÓN DE SEGURIDAD | 安全信息

In order to achieve maximum safety, we suggest that you adopt the following guidelines:

1. Place the product on a clean and stable surface that allows adequate air ventilation.
2. Don't use or place the product and any of its components near water, moisture, or other wet surfaces; or place the product near any heat, open flame, or other hot surfaces such as radiators, stoves, fireplaces, and candles.
3. Use caution when operating the desktop PC to avoid electrical shock or damage, such as unplugging the power supply during thunderstorms, ensuring that your hands are dry before using (and handling) the desktop PC, keeping it away from any source of liquid and/or heat source, and using all other reasonable precautions needed under the circumstances.
4. When connecting external devices to your desktop PC, carefully plan how the wires will be placed. Protect any connected cables from being trod on or pinched, particularly at plugs, convenience receptacles, or the point where they exit from.
5. Take extra caution when handling/removing/reattaching glass components. Once removed, place the glass component on a stable surface first before proceeding.
6. When unplugging any connected devices and/or cables, always pull the cable or device's plug or connector. Don't forcefully tug on its cord.
7. Don't place any heavy items on top of the product.
8. Make sure that the desktop PC is off, unplugged from the outlet, and that all connected devices are powered off and unplugged (if any) before installing or uninstalling any internal component to and/or from the desktop PC or product.



FR

Cet appareil se recycle



Points de collecte sur [www.quefairemedesdechets.fr](http://www.quefairemedesdechets.fr)  
Privilégiez la réparation ou le don de votre appareil!



### NOTE ON DISPOSAL

The WEEE symbol indicates that this product must not be disposed of with normal household waste. Through the correct disposal of this product, you will help protect the environment. For more information on the disposal of this product, please contact your local municipality, your waste disposal service or the shop where you purchased the product.

**Phanteks Taiwan Inc.**  
11F, No. 150, Jian 1st Rd.,  
Zhonghe Dist.  
New Taipei City 235

**Importer EU**  
Axpertec Int. B.V. (EU)  
Sydneystraat 33  
3047 BP Rotterdam  
The Netherlands

**Importer US**  
Axpertec Inc. (US)  
20465 E Walnut Dr. N  
City of Industry, CA 91789  
USA