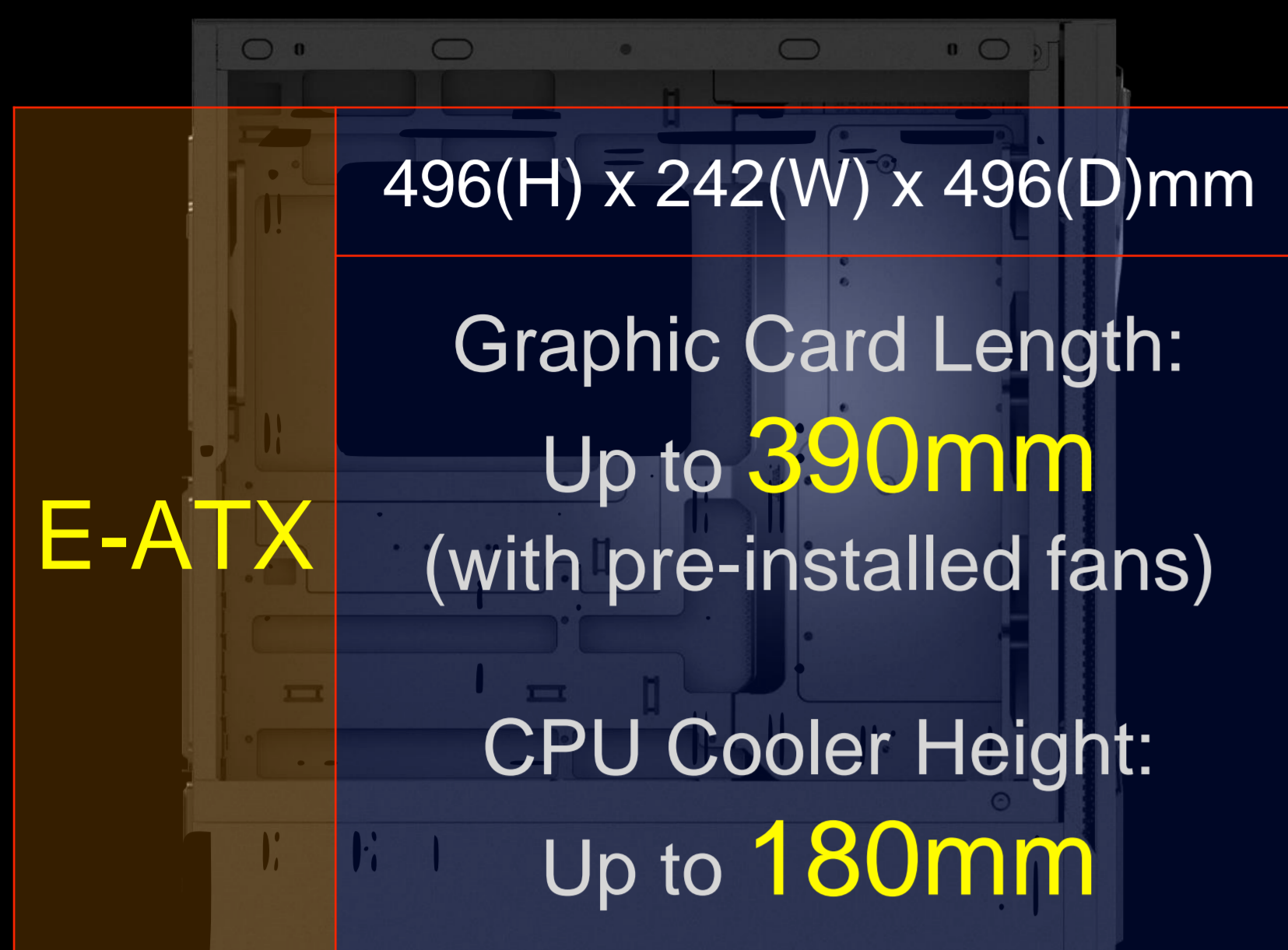




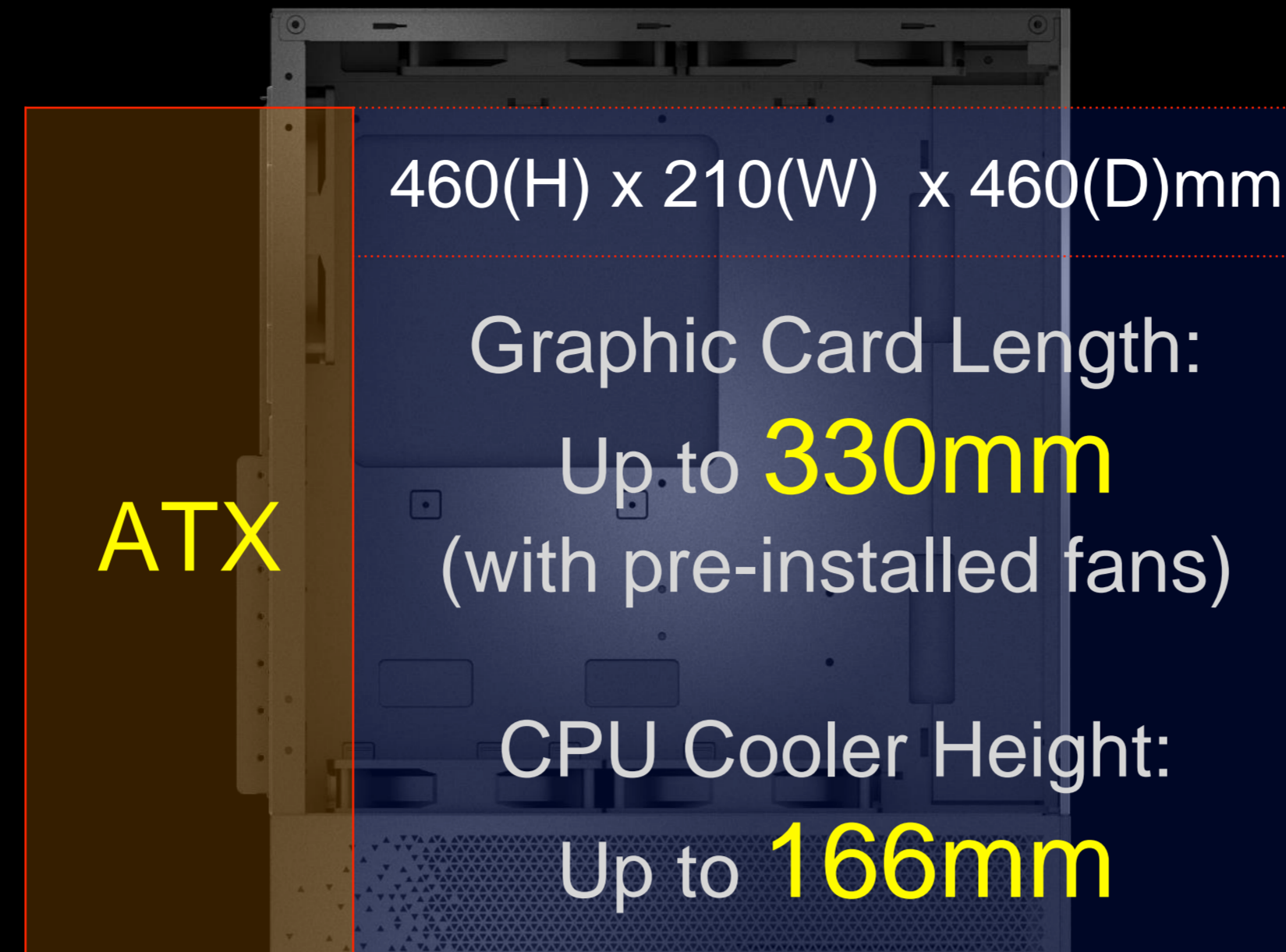
XPG CHASSIS & NVIDIA GEFORCE **RTX 50** SERIES
COMPATIBILITY TABLE



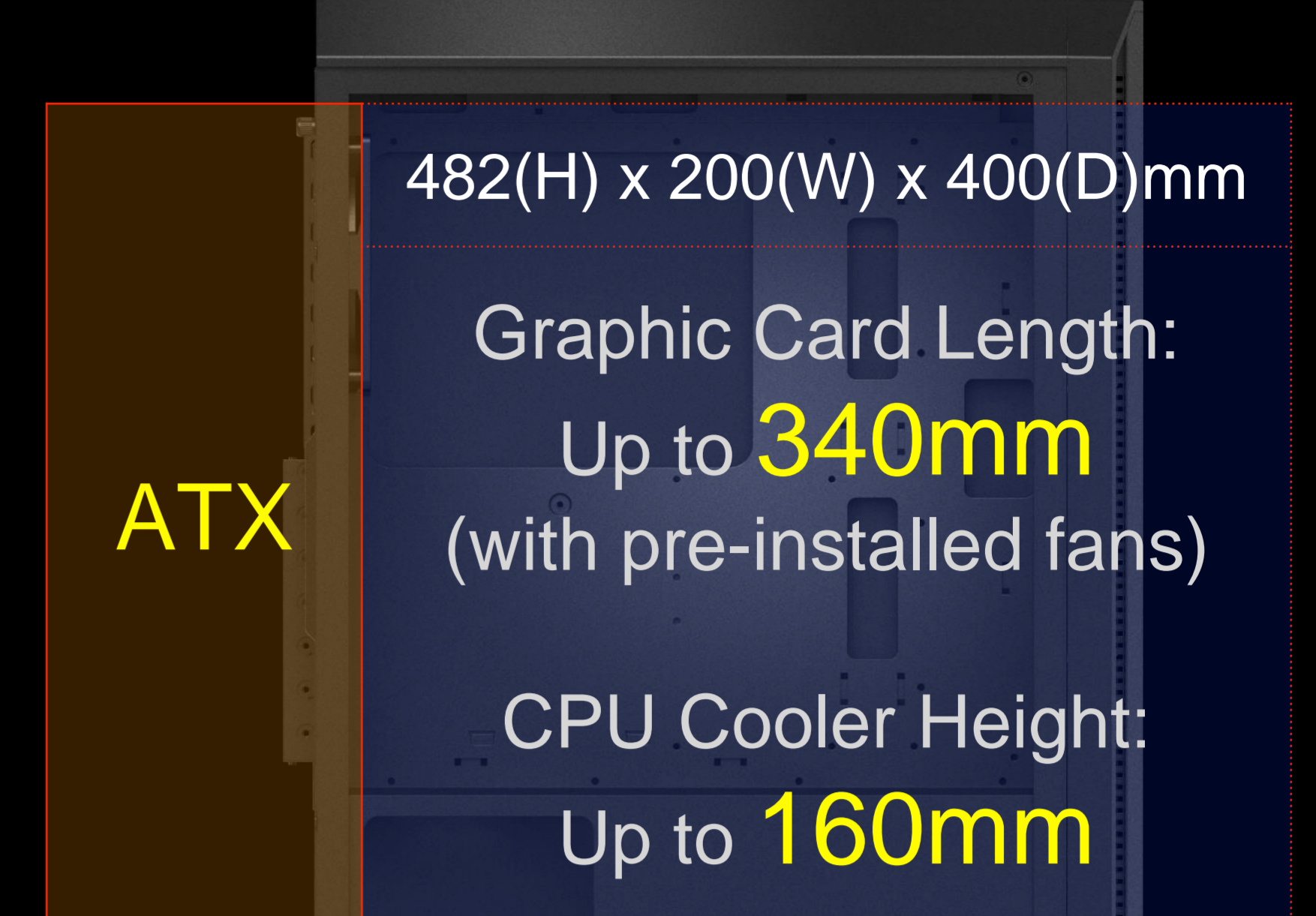
STARKER AIR BTF



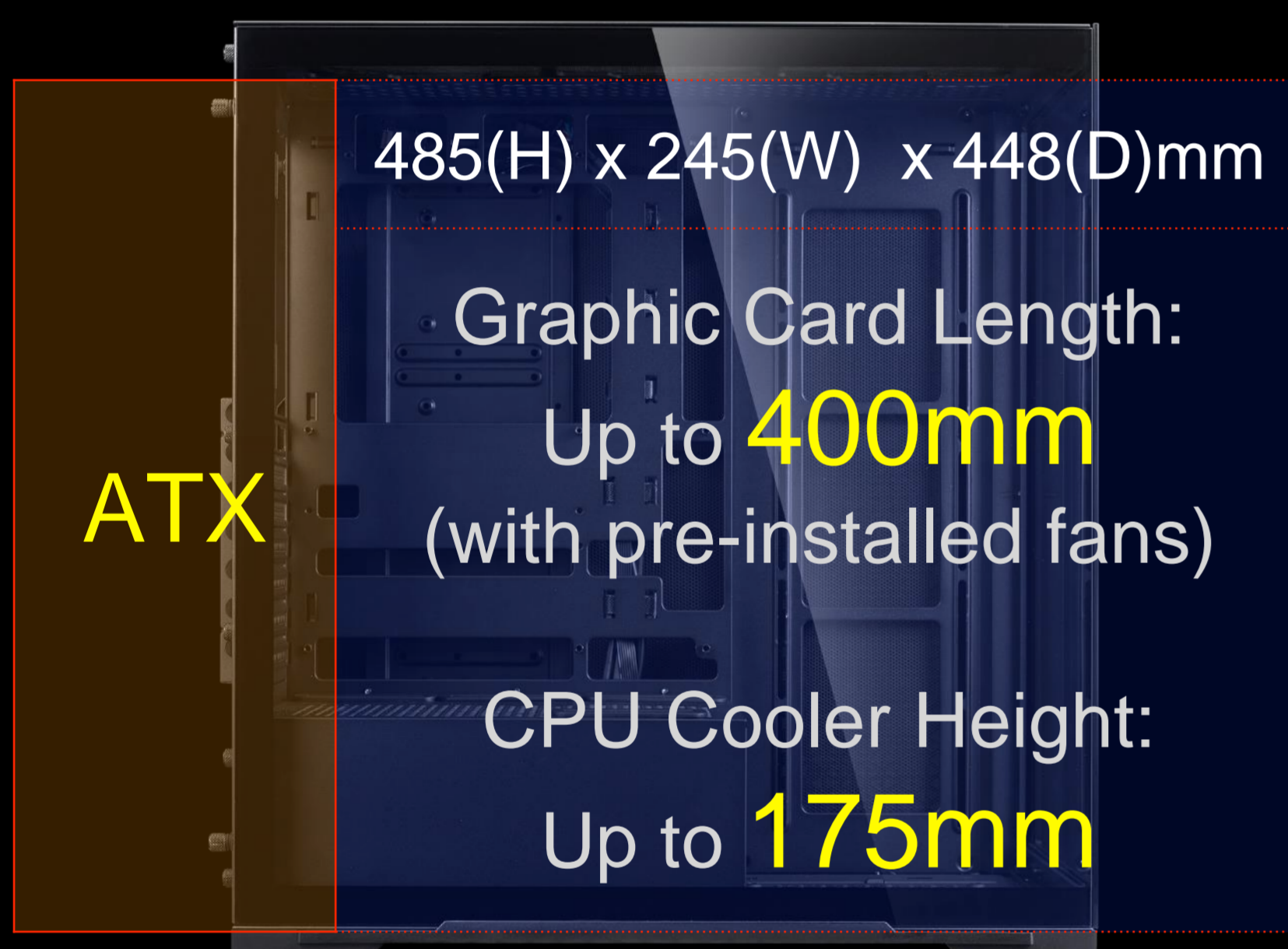
INVADER X MINI



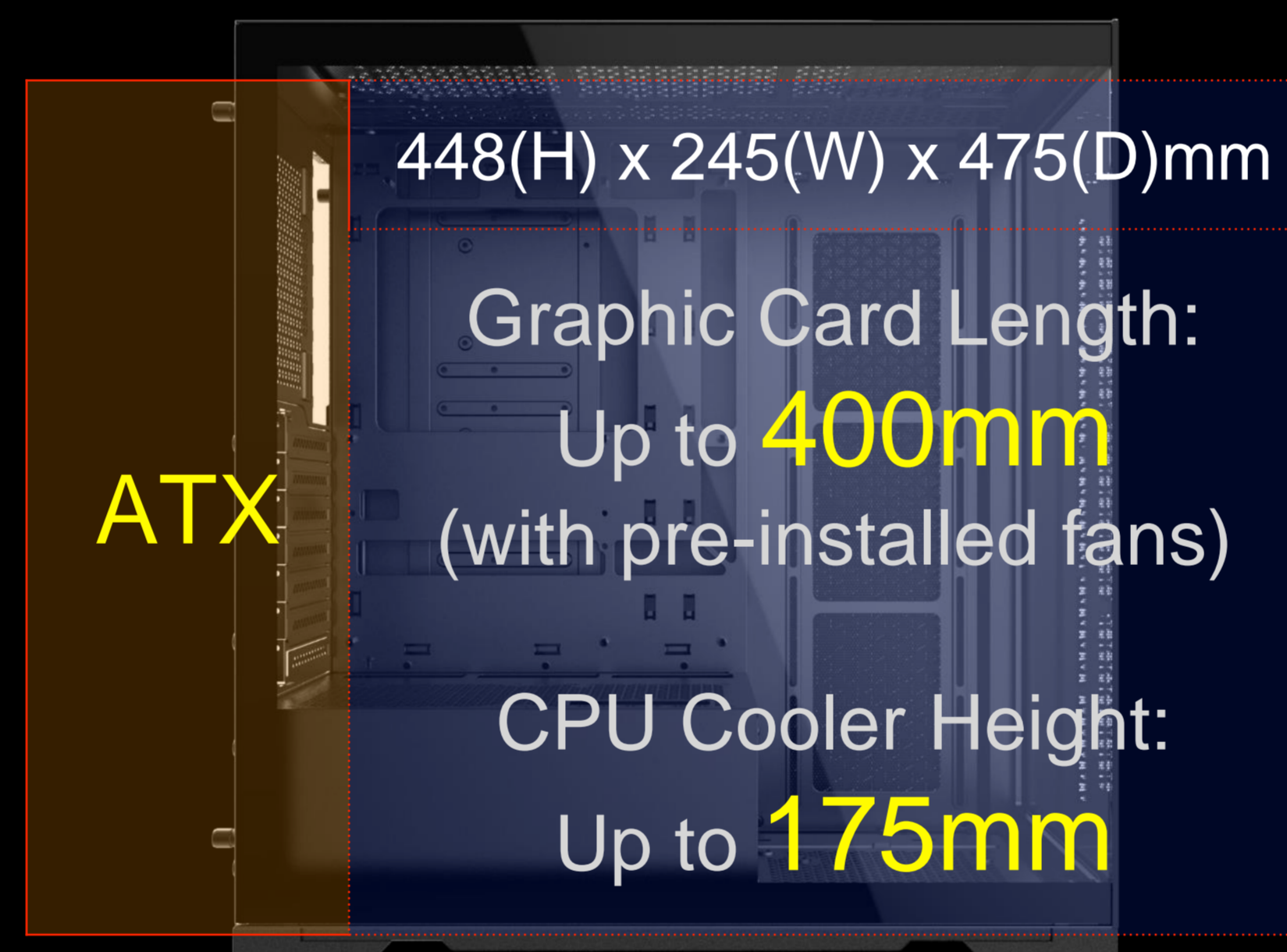
VALOR AIR PLUS



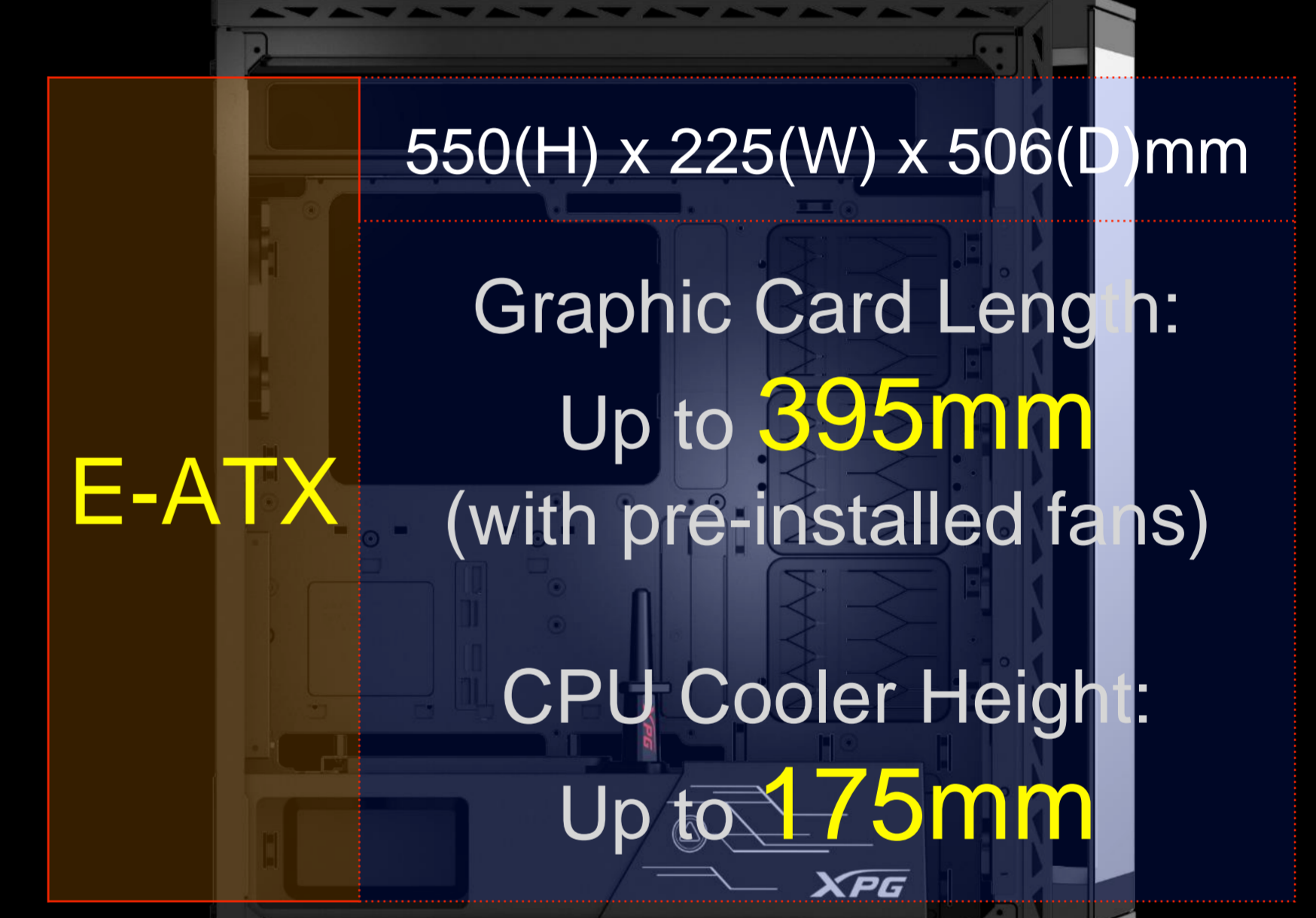
INVADER X BTF



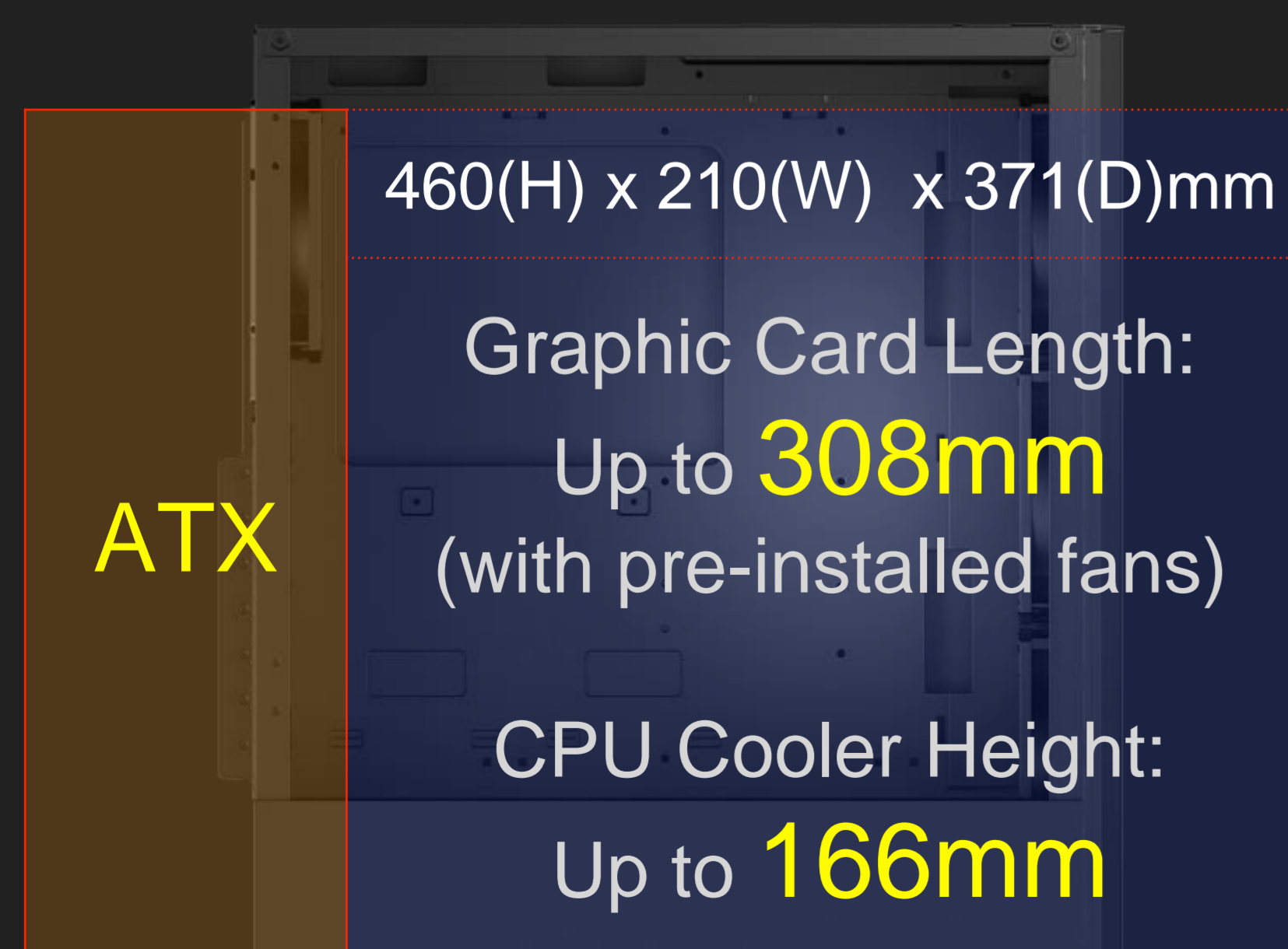
INVADER X



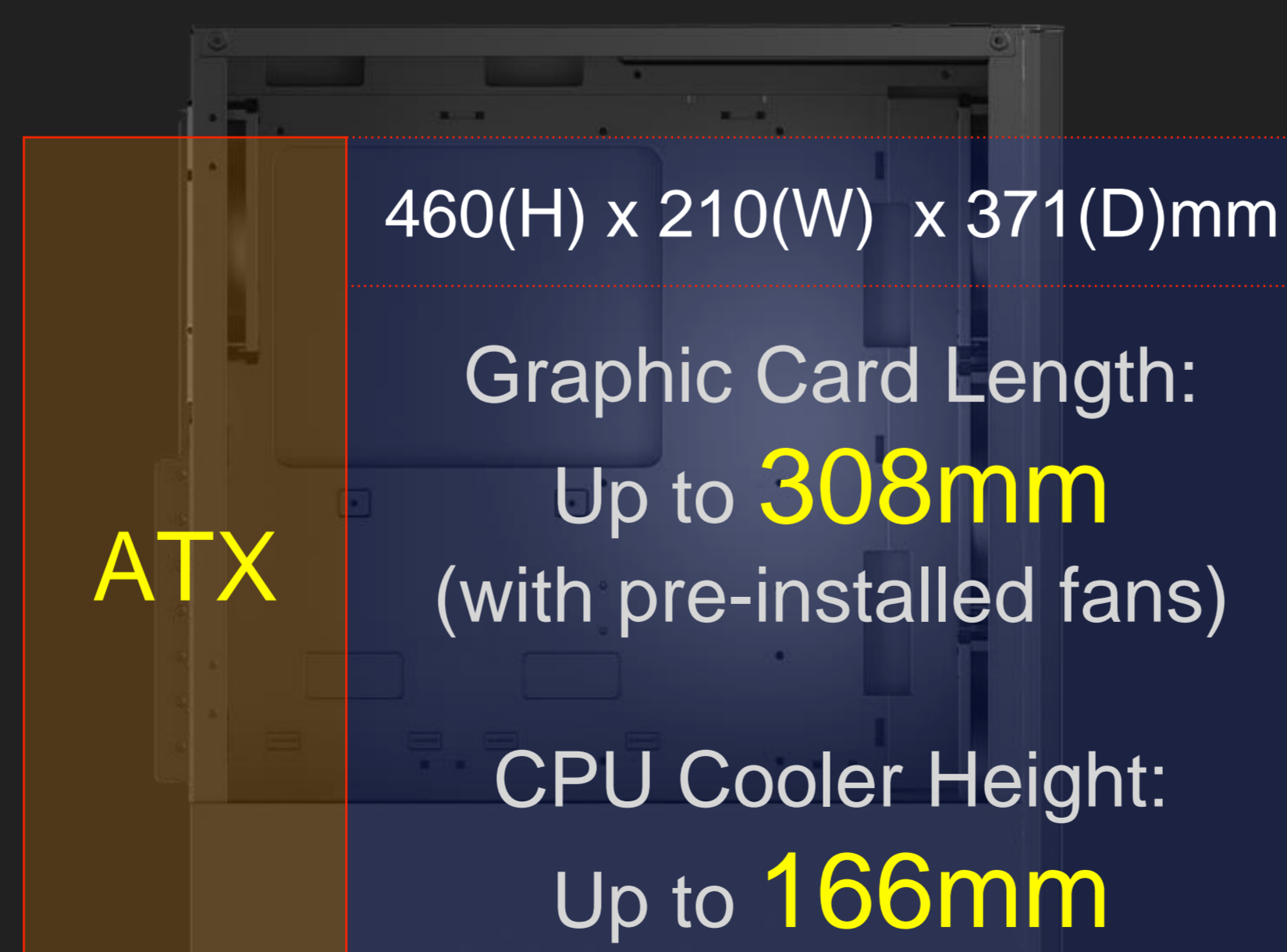
BATTLECRUISER II



VALOR AIR

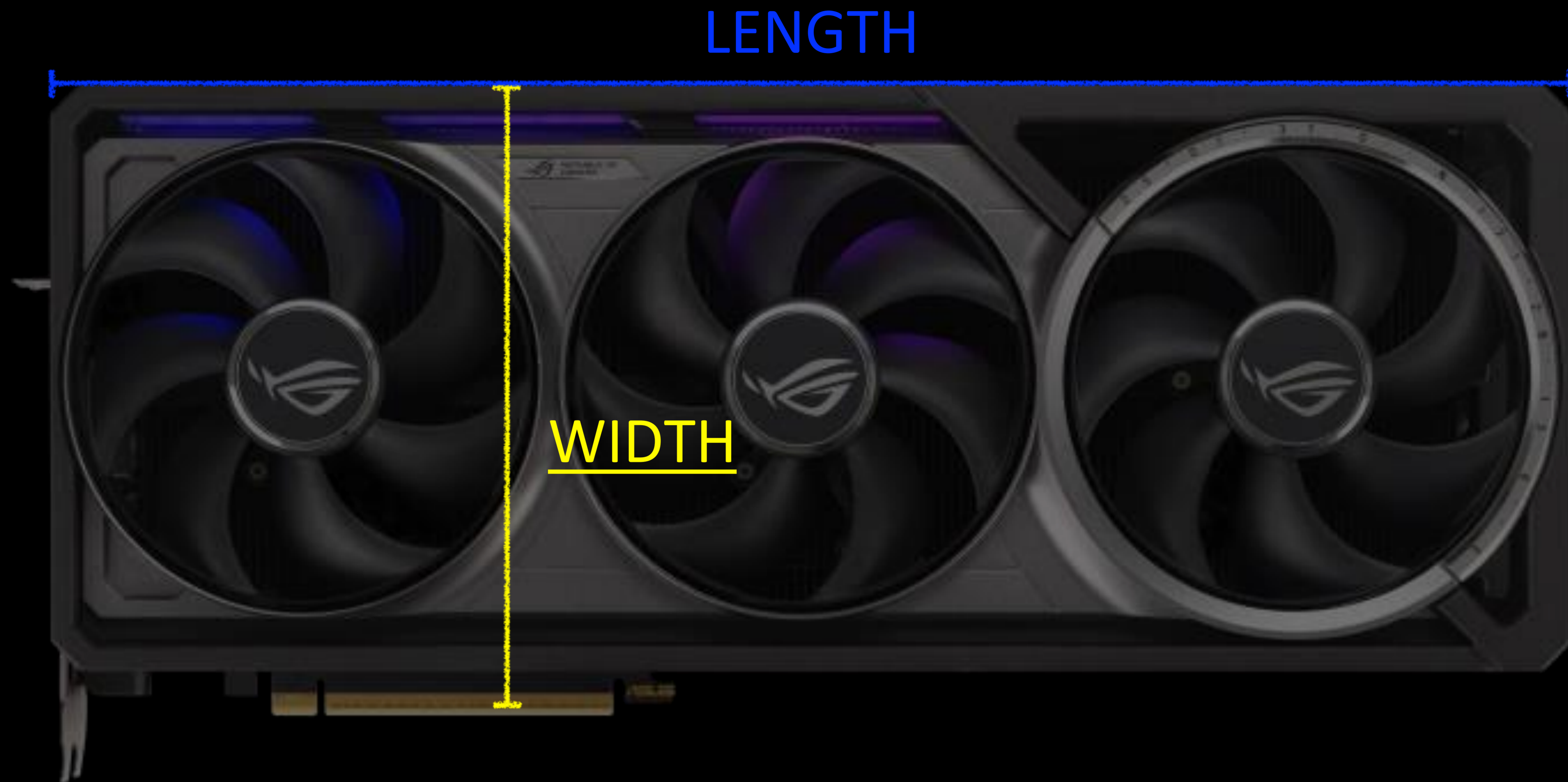


VALOR MESH

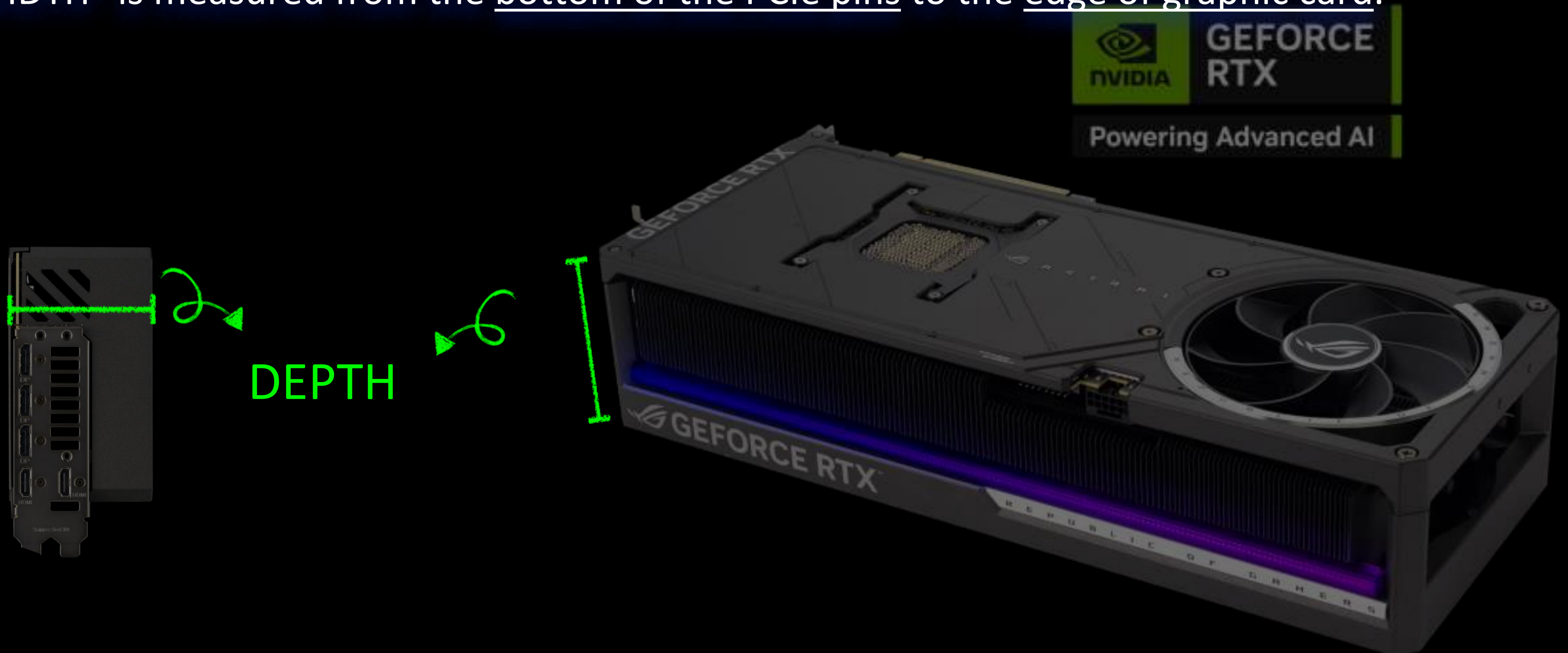


DEFINITIONS - GRAPHIC CARD DIMENSIONS (H x D x L)

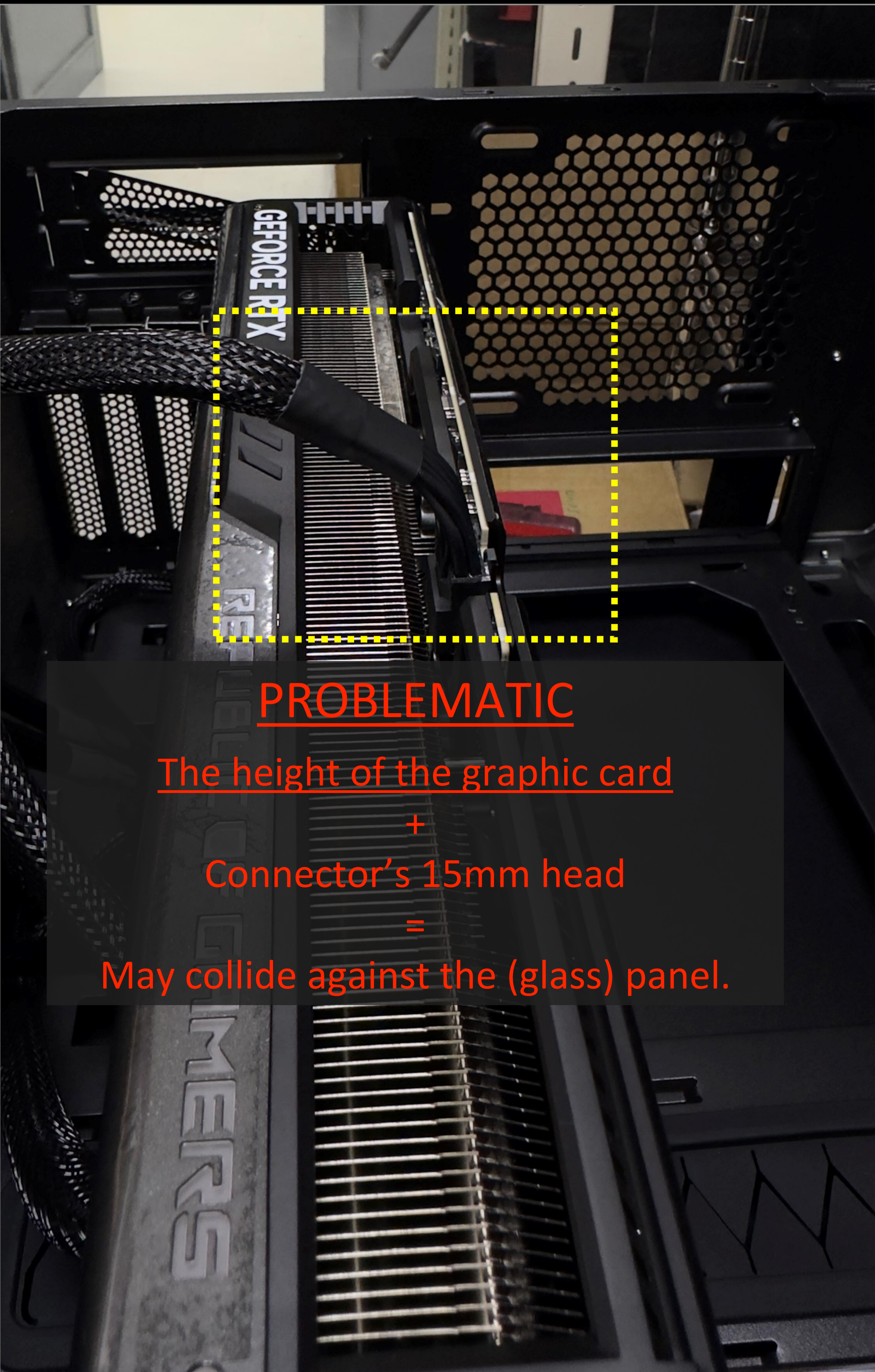
- “LENGTH” is measured from edge to edge of the graphic card.



- “WIDTH” is limited by chassis’s support height for CPU air cooler (when installing horizontally)
- “WIDTH” is measured from the bottom of the PCIe pins to the edge of graphic card.



12VHPWR/12V-2x6 CONNECTOR: ~15mm



PROBLEMATIC

The height of the graphic card

+

Connector's 15mm head

=

May collide against the (glass) panel.



RECOMMENDED

Connect with XPG PSU's
12VHPWR/12V-2x6 cable

EQUATION TO CALCULATE RECOMMENDED XPG CHASSIS

$$\left[\text{Chassis' CPU cooler compatible height} - \left(\text{Graphic Card Width} + 15\text{mm} \right) \right]$$

$\geq 5\text{mm}$



$< 5\text{mm}$



$$\left[\begin{array}{l} \text{INVADER X BTF's} \\ \text{CPU cooler height supports up} \\ \text{to } 175\text{mm} \end{array} - \left(\begin{array}{l} \text{ROG Astral 5090} \\ \text{width: } 149.3\text{mm} \end{array} + 15\text{mm} \right) \right]$$

$$= 175\text{mm} - (164.3\text{mm})$$

$$= 10.7\text{mm}$$



Example 1

$$\left[\begin{array}{l} \text{INVADER X MINI's} \\ \text{CPU cooler height supports up} \\ \text{to } 166\text{mm} \end{array} - \left(\begin{array}{l} \text{ROG Astral 5090} \\ \text{width: } 149.3\text{mm} \end{array} + 15\text{mm} \right) \right]$$

$$= 166\text{mm} - (164.3\text{mm})$$



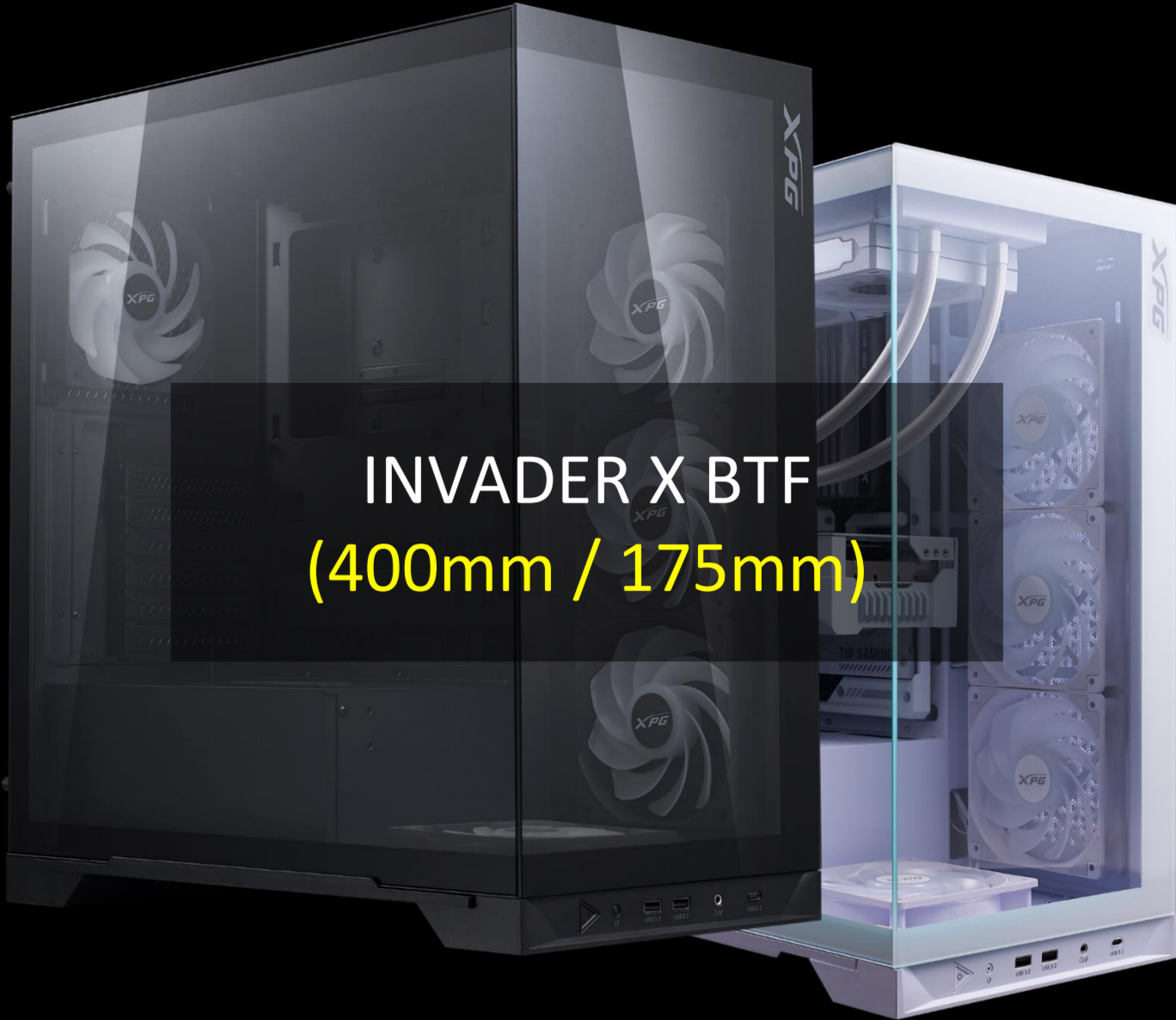


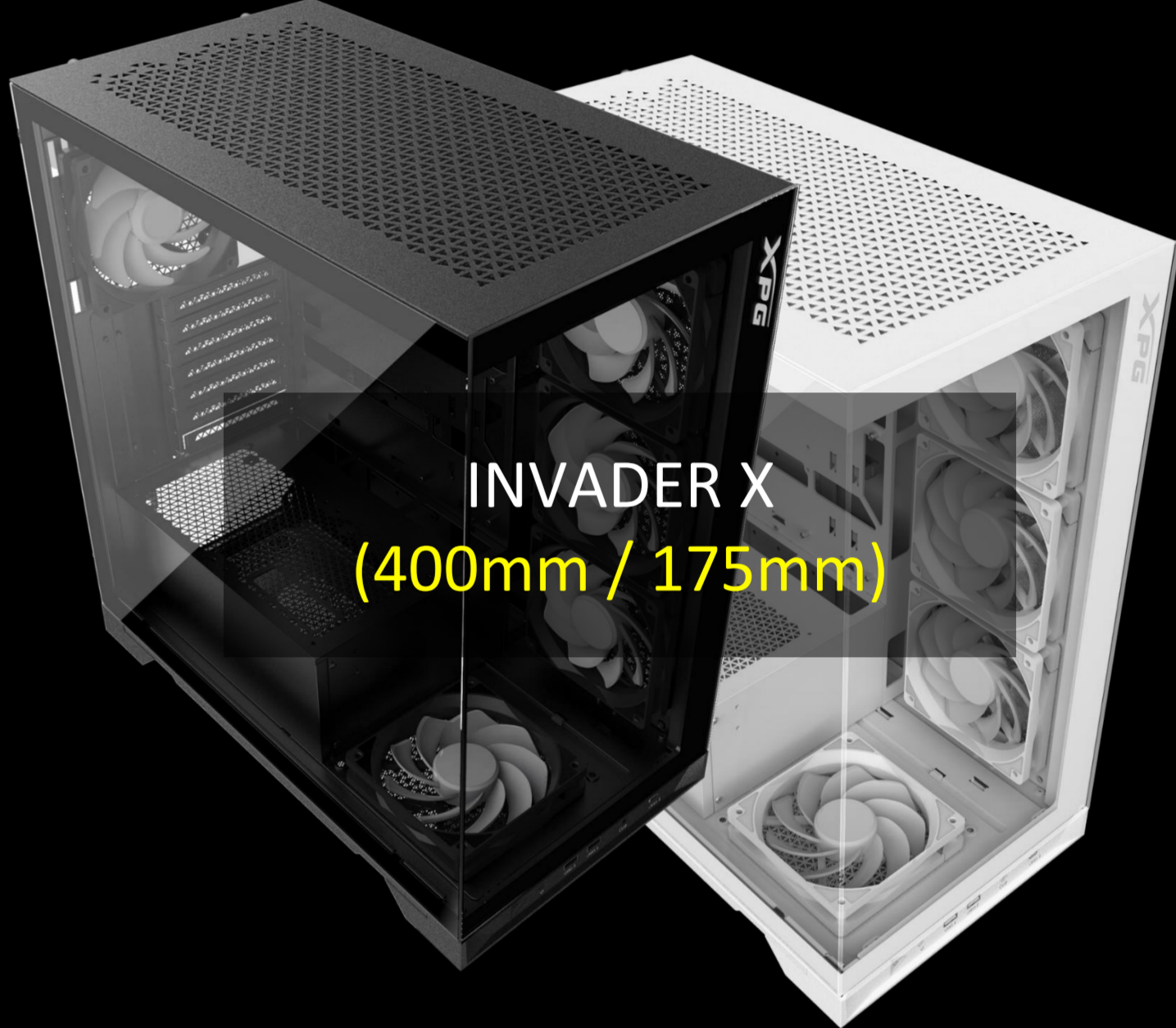







$$= 1.7\text{mm}$$



Example 2

BRAND	MODEL_5090	IMAGE	LENGTH	WIDTH	COMPATIBLE XPG CHASSIS	
	Astral GeForce RTX™ 5090 32GB GDDR7 OC Edition https://rog.asus.com/us/graphics-cards/graphics-cards/rog-astral/rog-astral-rtx5090-o32g-gaming/		357.6mm	149.3mm	 INVADER X BTF (400mm / 175mm)	
	Astral GeForce RTX™ 5090 32GB GDDR7 https://rog.asus.com/tw/graphics-cards/graphics-cards/rog-astral/rog-astral-rtx5090-32g-gaming/		357.6mm	149.3mm		
	TUF Gaming GeForce RTX™ 5090 32GB GDDR7 OC Edition https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rtx5090-o32g-gaming/		348mm	146mm	 INVADER X (400mm / 175mm)	
	TUF Gaming GeForce RTX™ 5090 32GB GDDR7 https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rtx5090-32g-gaming/		348mm	146mm		
	GeForce RTX™ 5090 32G GAMING TRIO OC https://www.msi.com/Graphics-Card/GeForce-RTX-5090-32G-GAMING-TRIO-OC		359mm	149mm	 BATTLECRUISER II (395mm / 175mm)	
	GeForce RTX™ 5090 32G SUPRIM SOC https://www.msi.com/Graphics-Card/GeForce-RTX-5090-32G-SUPRIM-SOC/		359mm	150mm		
	GeForce RTX™ 5090 32G VANGUARD SOC https://www.msi.com/Graphics-Card/GeForce-RTX-5090-32G-VANGUARD-SOC		357mm	151mm	 STARKER AIR BT (390mm / 180mm)	
	GeForce RTX™ 5090 32G VANGUARD SOC LAUNCH EDITION https://www.msi.com/Graphics-Card/GeForce-RTX-5090-32G-VANGUARD-SOC-LAUNCH-EDITION		357mm	151mm		
	GeForce RTX™ 5090 32G VENTUS 3X OC https://www.msi.com/Graphics-Card/GeForce-RTX-5090-32G-VENTUS-3X-OC/		325mm	139mm		
						 VALOR AIR PLUS (340mm / 160mm) INVADER X MINI (330mm / 166mm)

BRAND	MODEL_5090	IMAGE	LENGTH	WIDTH	COMPATIBLE XPG CHASSIS
GIGABYTE™ AORUS	GeForce RTX™ 5090 MASTER ICE 32G https://www.gigabyte.com/us/Graphics-Card/GV-N5090AORUSM-ICE-32GD		360mm	150mm	
	GeForce RTX™ 5090 MASTER 32G https://www.gigabyte.com/us/Graphics-Card/GV-N5090AORUS-M-32GD		360mm	150mm	
GIGABYTE™	GeForce RTX™ 5090 GAMING OC 32G https://www.gigabyte.com/us/Graphics-Card/GV-N5090GAMING-OC-32GD		342mm	152mm	
	GeForce RTX™ 5090 WINDFORCE OC 32G https://www.gigabyte.com/us/Graphics-Card/GV-N5090WF3OC-32GD		342mm	150mm	
	GeForce RTX™ 5090 WINDFORCE 32G https://www.gigabyte.com/us/Graphics-Card/GV-N5090WF3-32GD		342mm	150mm	

BRAND	MODEL_5080	IMAGE	LENGTH	WIDTH	COMPATIBLE XPG CHASSIS
	<p>Astral GeForce RTX™ 5080 16GB GDDR7 OC Edition</p> <p>https://rog.asus.com/graphics-cards/graphics-cards/rog-astral/rog-astral-rtx5080-o16g-gaming/</p>		357.6mm	149.3mm	 <p>INVADER X BTF (400mm / 175mm)</p>
	<p>Astral GeForce RTX™ 5080 16GB GDDR7</p> <p>https://rog.asus.com/graphics-cards/graphics-cards/rog-astral/rog-astral-rtx5080-16g-gaming/</p>		357.6mm	149.3mm	 <p>INVADER X (400mm / 175mm)</p>
	<p>PRIME GeForce RTX™ 5080 16GB GDDR7 OC Edition</p> <p>https://www.asus.com/motherboards-components/graphics-cards/prime/prime-rtx5080-o16g/</p>		348mm	146mm	 <p>BATTLECRUISER II (395mm / 175mm)</p>
	<p>TUF Gaming GeForce RTX™ 5080 16GB GDDR7 OC Edition</p> <p>https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rtx5080-o16g-gaming</p>		348mm	146mm	 <p>STARKER AIR BTF (390mm / 180mm)</p>
	<p>TUF Gaming GeForce RTX™ 5080 16GB GDDR7</p> <p>https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rtx5080-16g-gaming/</p>		348mm	146mm	

BRAND

MODEL_5080

IMAGE

LENGTH

WIDTH

COMPATIBLE XPG CHASSIS

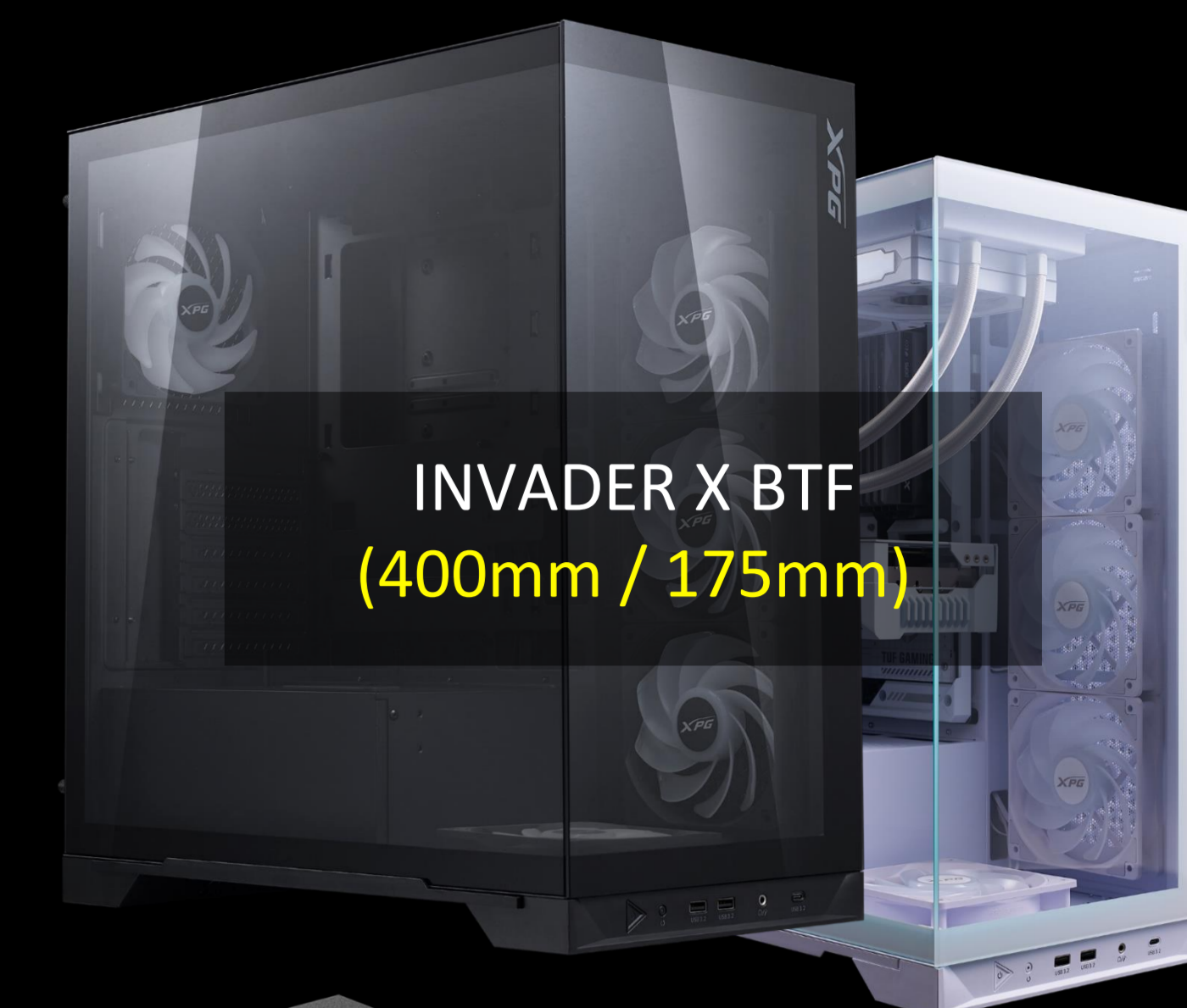
GeForce RTX 5080 AMP
Extreme INFINITY

https://www.zotac.com/tw/product/graphics_card/zotac-gaming-geforce-rtx-5080-amp-extreme-infinity



342mm

150mm



GeForce RTX 5080
SOLID OC

https://www.zotac.com/tw/product/graphics_card/zotac-gaming-geforce-rtx-5080-solid-oc#overview



340mm

150.2mm



GeForce RTX 5080
SOLID

https://www.zotac.com/tw/product/graphics_card/zotac-gaming-geforce-rtx-5080-solid



337mm

140mm



BRAND

MODEL_5080

IMAGE

LENGTH

WIDTH

COMPATIBLE XPG CHASSIS

GeForce RTX™ 5080
16G SUPRIM SOC

<https://www.msi.com/Graphics-Card/GeForce-RTX-5080-16G-SUPRIM-SOC/>



359mm

150mm

GeForce RTX™ 5080
16G VANGUARD SOC

<https://www.msi.com/Graphics-Card/GeForce-RTX-5080-16G-VANGUARD-SOC/>



357mm

151mm

GeForce RTX™ 5080
16G VANGUARD SOC
LAUNCH EDITION

<https://www.msi.com/Graphics-Card/GeForce-RTX-5080-16G-VANGUARD-SOC-LAUNCH-EDITION/>



357mm

151mm

GeForce RTX™ 5080
16G GAMING TRIO OC

<https://www.msi.com/Graphics-Card/GeForce-RTX-5080-16G-GAMING-TRIO-OC/>



338mm

140mm

GeForce RTX™ 5080
16G GAMING TRIO OC
WHITE

<https://www.msi.com/Graphics-Card/GeForce-RTX-5080-16G-GAMING-TRIO-OC-WHITE/>



338mm

140mm

GeForce RTX™ 5080
16G VENTUS 3X OC
PLUS

<https://www.msi.com/Graphics-Card/GeForce-RTX-5080-16G-VENTUS-3X-OC-PLUS/>



303mm

121mm

GeForce RTX™ 5080
16G VENTUS 3X OC

<https://www.msi.com/Graphics-Card/GeForce-RTX-5080-16G-VENTUS-3X-OC/>



303mm

121mm

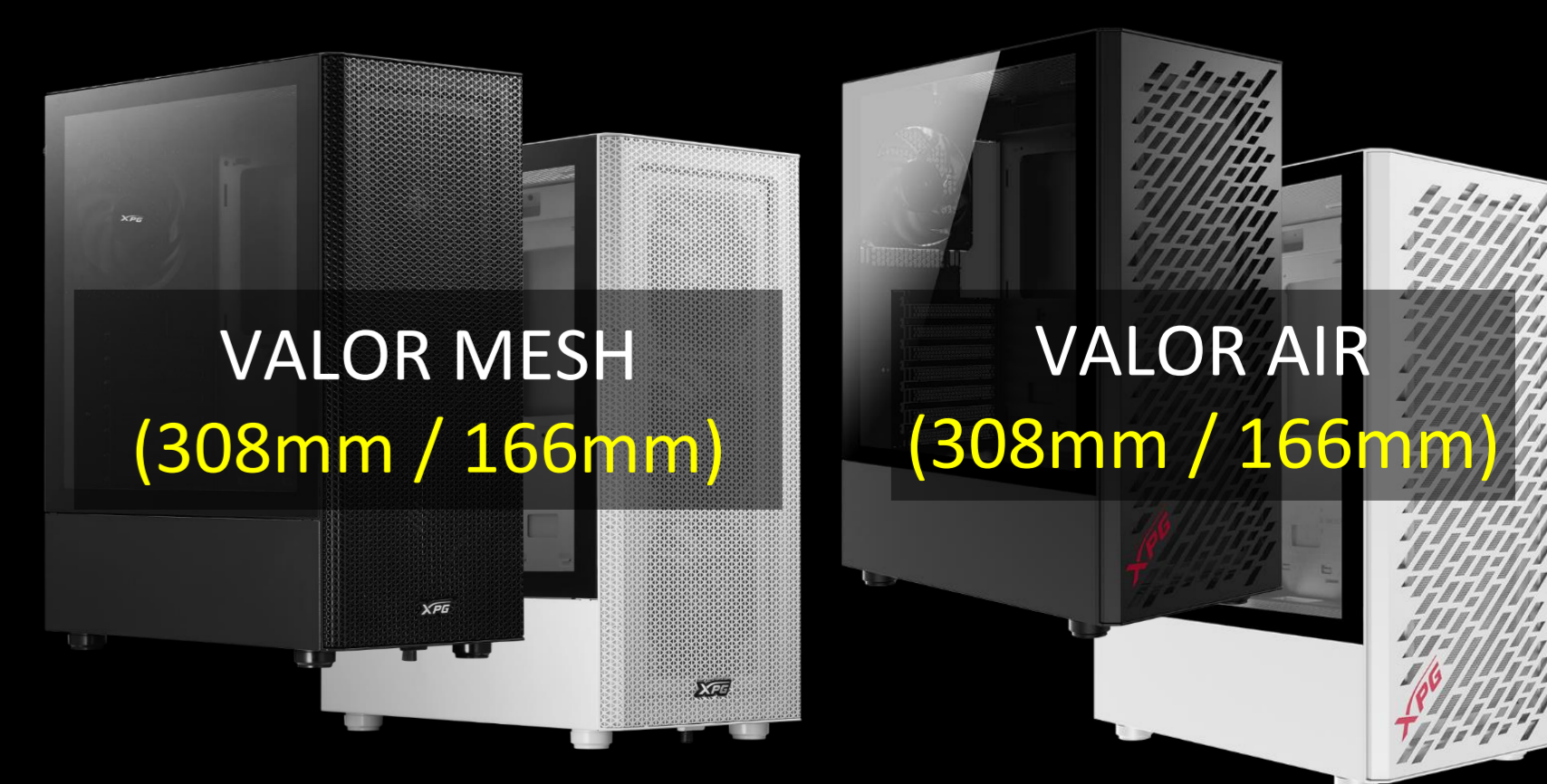
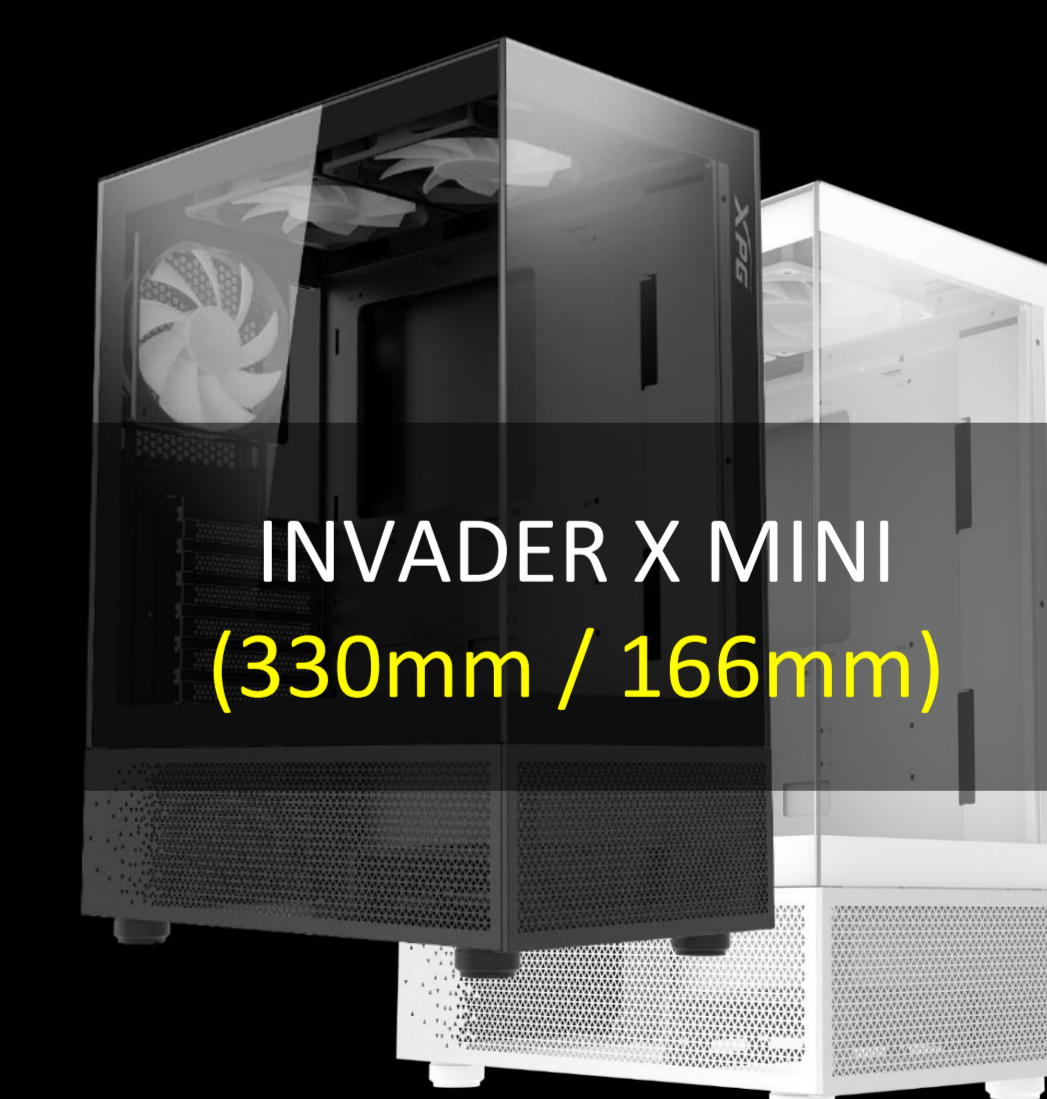
GeForce RTX™ 5080
16G INSPIRE 3X OC

<https://www.msi.com/Graphics-Card/GeForce-RTX-5080-16G-INSPIRE-3X-OC/>



288mm

112mm



BRAND	MODEL_5080	IMAGE	LENGTH	WIDTH	COMPATIBLE XPG CHASSIS
GIGABYTE AORUS	AORUS GeForce RTX™ 5080 MASTER ICE 16G https://www.gigabyte.com/us/Graphics-Card/GV-N5080AORUSM-ICE-16GD		360mm	150mm	INVADER X BTF (400mm / 175mm) INVADER X (400mm / 175mm)
	AORUS GeForce RTX™ 5080 MASTER 16G https://www.gigabyte.com/us/Graphics-Card/GV-N5080AORUS-M-16GD		360mm	150mm	BATTLECRUISER II (395mm / 175mm)
GIGABYTE	GeForce RTX™ 5080 GAMING OC 16G https://www.gigabyte.com/us/Graphics-Card/GV-N5080GAMING-OC-16GD		340mm	140mm	STARKER AIR BTF (390mm / 180mm)
GIGABYTE AERO	GeForce RTX™ 5080 AERO OC SFF 16G https://www.gigabyte.com/us/Graphics-Card/GV-N5080AERO-OC-16GD		304mm	126mm	VALOR AIR PLUS (340mm / 160mm)
GIGABYTE	GeForce RTX™ 5080 WINDFORCE OC SFF 16G https://www.gigabyte.com/us/Graphics-Card/GV-N5080WF3OC-16GD		304mm	126mm	INVADER X MINI (330mm / 166mm)
	GeForce RTX™ 5080 WINDFORCE SFF 16G https://www.gigabyte.com/us/Graphics-Card/GV-N5080WF3-16GD		304mm	126mm	VALOR MESH (308mm / 166mm) VALOR AIR (308mm / 166mm)

BRAND

MODEL_5070 Ti

IMAGE

LENGTH

WIDTH

COMPATIBLE XPG CHASSIS

Strix GeForce RTX™
5070 Ti 16GB GDDR7
OC Edition

<https://rog.asus.com/graphics-cards/graphics-cards/rog-strix/rog-strix-rtx5070ti-o16g-gaming/>



332mm

147.3mm



ASUS
REPUBLIC OF
GAMERS

Strix GeForce RTX™
5070 Ti 16GB GDDR7

<https://rog.asus.com/graphics-cards/graphics-cards/rog-strix/rog-strix-rtx5070ti-16g-gaming/>



332mm

147.3mm



ASUS
TUF GAMING

TUF Gaming GeForce
RTX™ 5070 Ti 16GB
GDDR7 OC Edition

<https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rtx5070ti-o16g-gaming/>



329mm

140mm



TUF Gaming GeForce
RTX™ 5070 Ti 16GB
GDDR7

<https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rtx5070ti-16g-gaming/>



329mm

140mm



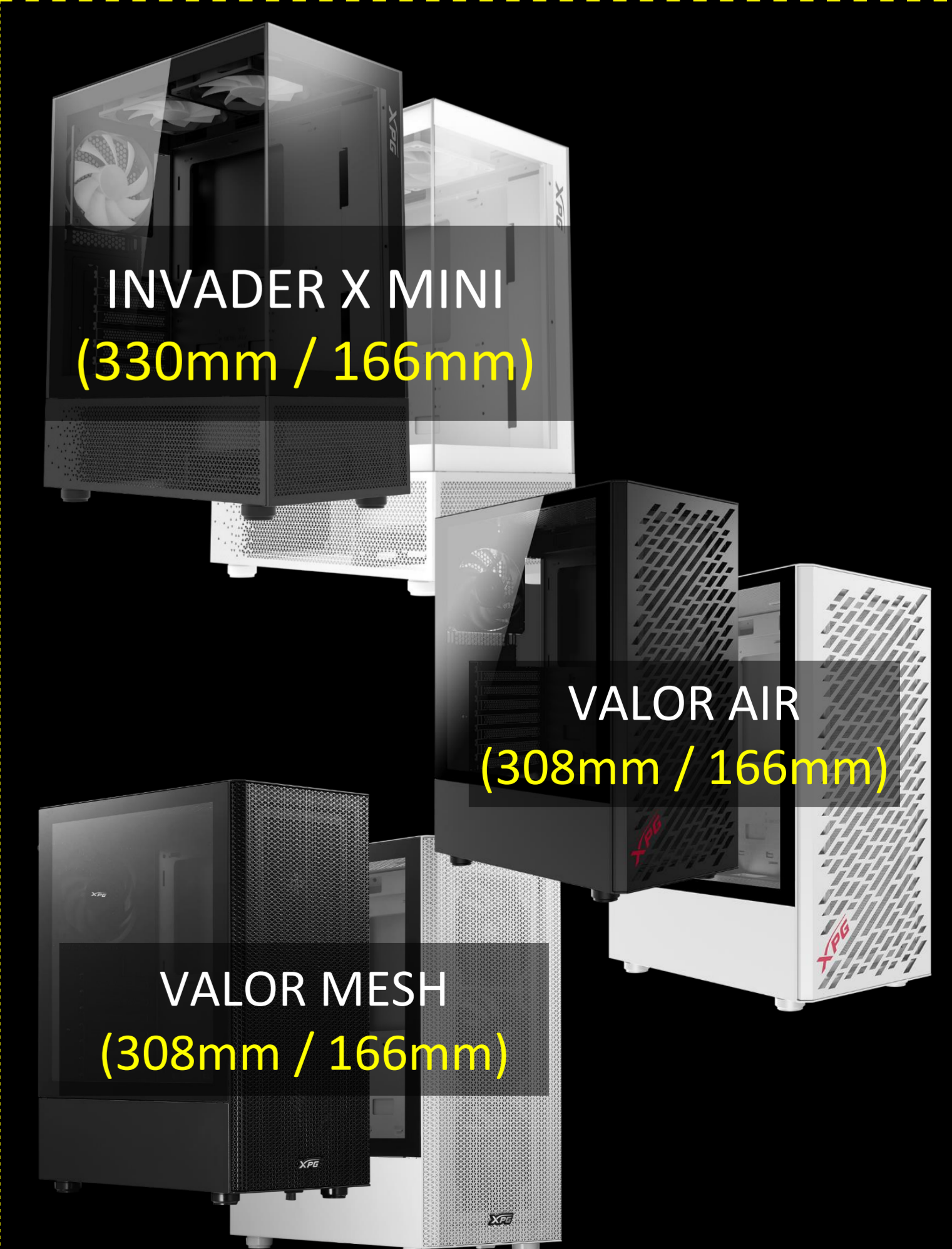
PRIME GeForce RTX™
5070 Ti 16GB GDDR7
OC Edition

<https://www.asus.com/motherboards-components/graphics-cards/prime/prime-rtx5070ti-o16g/>



304mm

126mm



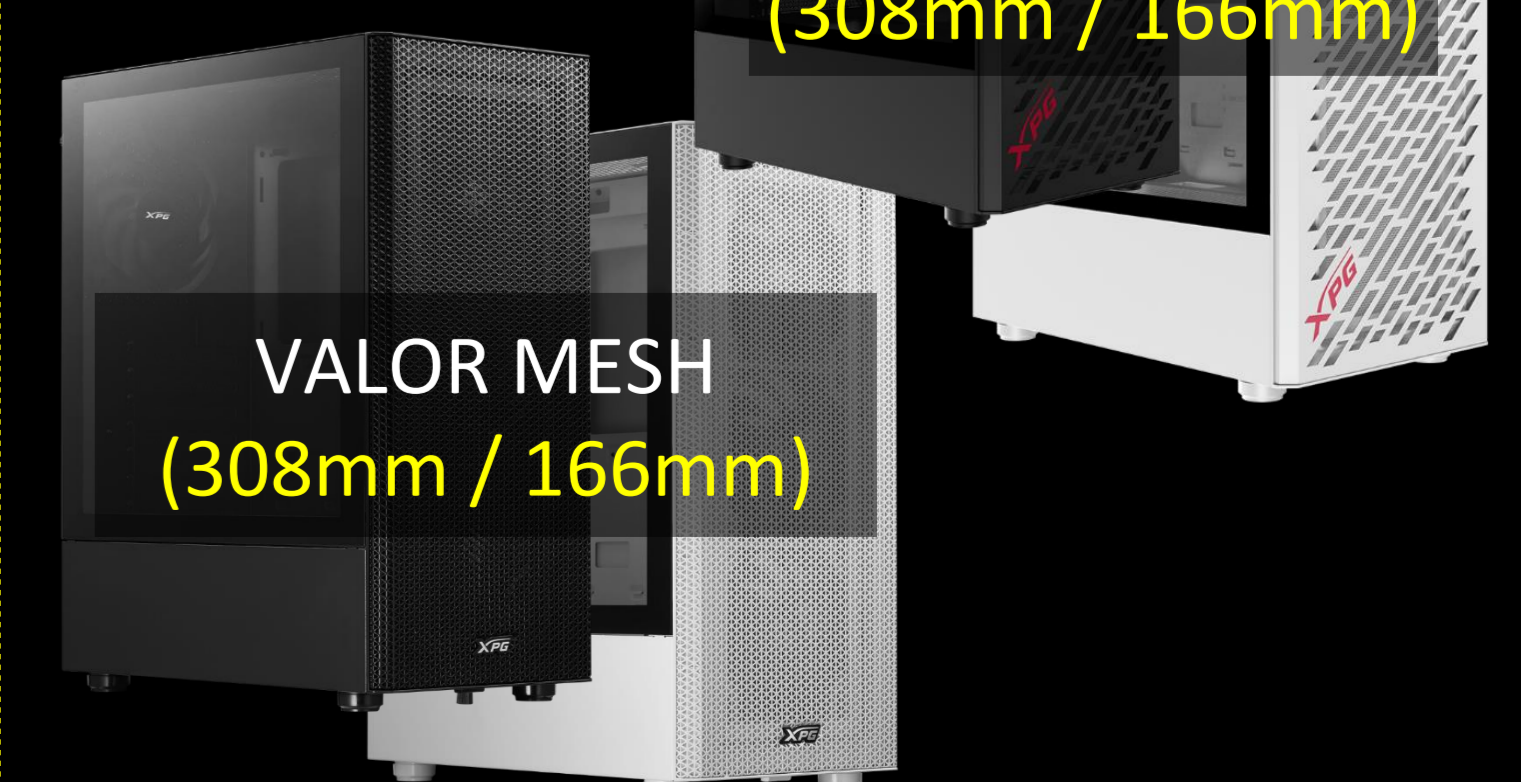
PRIME GeForce RTX™
5070 Ti 16GB GDDR7

<https://www.asus.com/motherboards-components/graphics-cards/prime/prime-rtx5070ti-16g/>













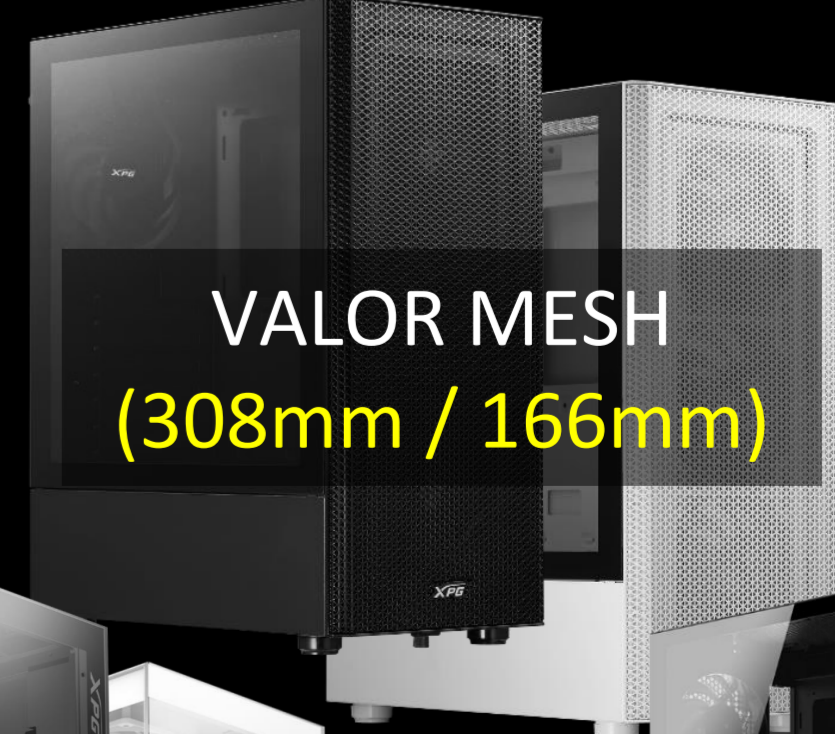

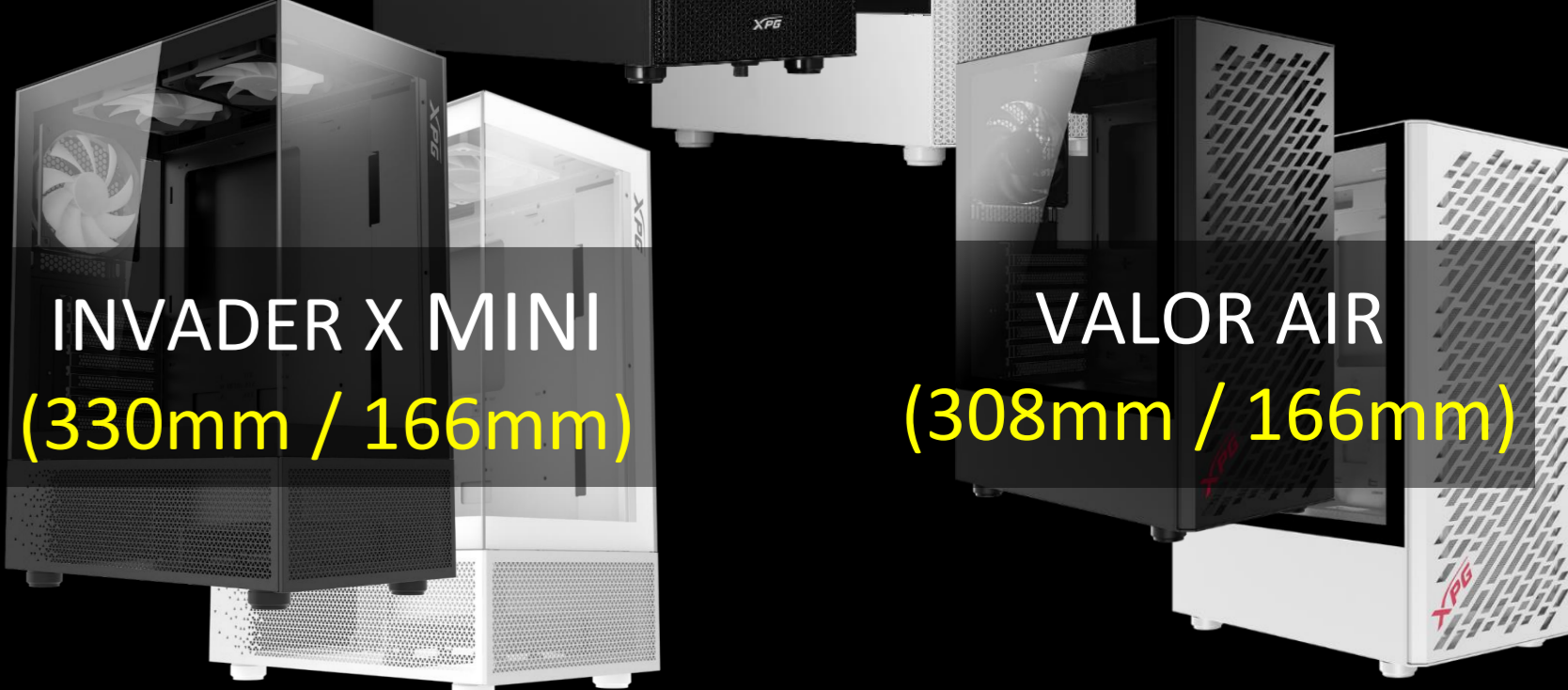


304mm

126mm



ASUS

BRAND	MODEL_5070 Ti/5070	IMAGE	LENGTH	WIDTH	COMPATIBLE XPG CHASSIS
	GeForce RTX™ 5070 Ti 16G VANGUARD SOC https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-VANGUARD-SOC		357mm	151mm	 INVADER X BTF (400mm / 175mm) INVADER X (400mm / 175mm)
	GeForce RTX™ 5070 Ti 16G VANGUARD SOC LAUNCH EDITION https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-VANGUARD-SOC-LAUNCH-EDITION		357mm	151mm	 BATTLECRUISER II (395mm / 175mm) STARKER AIR BTF (390mm / 180mm)
	GeForce RTX™ 5070 Ti 16G GAMING TRIO OC PLUS https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-GAMING-TRIO-OC-PLUS		338mm	140mm	
	GeForce RTX™ 5070 12G GAMING TRIO OC https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-VANGUARD-SOC		338mm	140mm	
	GeForce RTX™ 5070 12G GAMING TRIO OC WHITE https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-VANGUARD-SOC-LAUNCH-EDITION		338mm	140mm	 VALOR AIR PLUS (340mm / 160mm)
	GeForce RTX™ 5070 12G VANGUARD SOC https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-GAMING-TRIO-OC-PLUS		337mm	140mm	
	GeForce RTX™ 5070 12G VANGUARD SOC LAUNCH EDITION https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-INSPIRE-3X-OC-PLUS		337mm	140mm	
	GeForce RTX™ 5070 Ti 16G VENTUS 3X OC PLUS https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-VENTUS-3X-OC-PLUS		303mm	121mm	 VALOR MESH (308mm / 166mm)
	GeForce RTX™ 5070 Ti 16G INSPIRE 3X OC PLUS https://www.msi.com/Graphics-Card/GeForce-RTX-5070-Ti-16G-INSPIRE-3X-OC-PLUS		288mm	112mm	 INVADER X MINI (330mm / 166mm) VALOR AIR (308mm / 166mm)

BRAND

MODEL_5070

IMAGE

LENGTH

WIDTH

COMPATIBLE XPG CHASSIS

GeForce RTX™ 5070
12G VENTUS 3X OC

<https://www.msi.com/Graphics-Card/GeForce-RTX-5070-12G-VENTUS-3X-OC>



302mm

121mm



INVADER X BTF
(400mm / 175mm)



INVADER X
(400mm / 175mm)

GeForce RTX™ 5070
12G INSPIRE 3X OC

<https://www.msi.com/Graphics-Card/GeForce-RTX-5070-12G-INSPIRE-3X-OC>



288mm

112mm



BATTLECRUISER II
(395mm / 175mm)

msi

GeForce RTX™ 5070
12G VENTUS 2X OC

<https://www.msi.com/Graphics-Card/GeForce-RTX-5070-12G-VENTUS-2X-OC>



236mm

126mm



STARKER AIR BTF
(390mm / 180mm)



VALOR AIR PLUS
(340mm / 160mm)

GeForce RTX™ 5070
12G VENTUS 2X OC
WHITE

<https://www.msi.com/Graphics-Card/GeForce-RTX-5070-12G-VENTUS-2X-OC-WHITE>















236mm











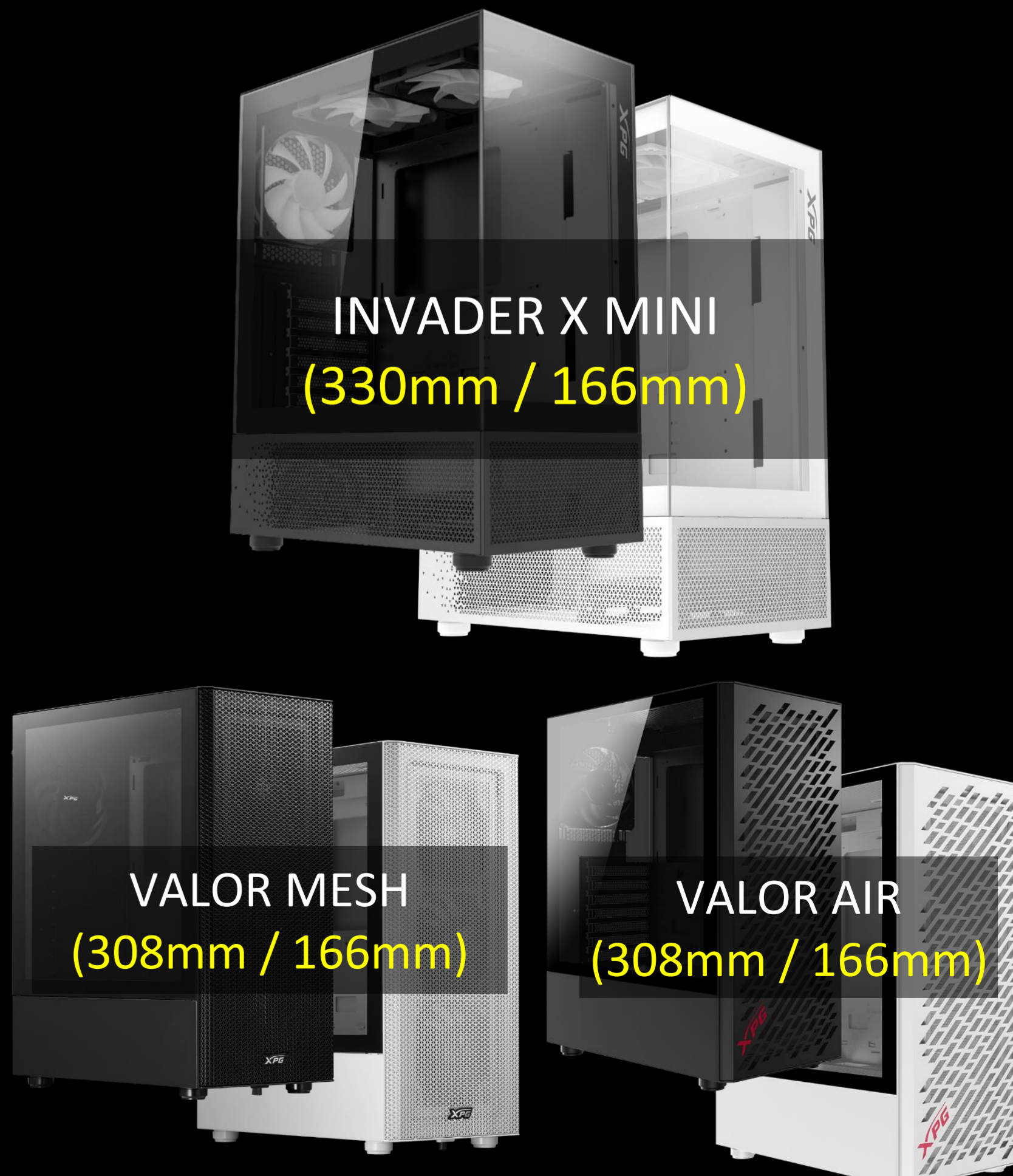

126mm



INVADER X MINI
(330mm / 166mm)

BRAND	MODEL_5070 Ti	IMAGE	LENGTH	WIDTH	COMPATIBLE XPG CHASSIS
GIGABYTE™ AORUS	AORUS GeForce RTX™ 5070 Ti MASTER 16G https://www.gigabyte.com/us/Graphics-Card/GV-N507TAORUS-M-16GD		360mm	150mm	INVADER X BTF (400mm / 175mm) INVADER X (400mm / 175mm)
GIGABYTE™	GeForce RTX™ 5070 Ti GAMING OC 16G https://www.gigabyte.com/us/Graphics-Card/GV-N507TGAMING-OC-16GD#kf		340mm	140mm	BATTLECRUISER II (395mm / 175mm)
GIGABYTE™ AERO	GeForce RTX™ 5070 Ti AERO OC 16G https://www.gigabyte.com/us/Graphics-Card/GV-N507TAERO-OC-16GD		340mm	140mm	STARKER AIR BTF (390mm / 180mm)
	GeForce RTX™ 5070 Ti WINDFORCE OC SFF 16G https://www.gigabyte.com/us/Graphics-Card/GV-N507TWF3OC-16GD#kf		304mm	126mm	VALOR AIR PLUS (340mm / 160mm)
GIGABYTE™	GeForce RTX™ 5070 Ti EAGLE OC SFF 16G https://www.gigabyte.com/us/Graphics-Card/GV-N507TEAGLE-OC-16GD#kf		304mm	126mm	INVADER X MINI (330mm / 166mm)
	GeForce RTX™ 5070 Ti EAGLE OC ICE SFF 16G https://www.gigabyte.com/us/Graphics-Card/GV-N507TEAGLEOC-ICE-16GD#kf		304mm	126mm	VALOR MESH (308mm / 166mm) VALOR AIR (308mm / 166mm)

BRAND	MODEL_5070	IMAGE	LENGTH	WIDTH	COMPATIBLE XPG CHASSIS
GIGABYTE™	GeForce RTX™ 5070 GAMING OC 12G https://www.gigabyte.com/us/Graphics-Card/GV-N5070GAMING-OC-12GD		327mm	132mm	INVADER X BTF (400mm / 175mm) INVADER X (400mm / 175mm)
GIGABYTE™ AERO	GeForce RTX™ 5070 AERO OC 12G https://www.gigabyte.com/us/Graphics-Card/GV-N5070AERO-OC-12GD		324mm	130mm	BATTLECRUISER II (395mm / 175mm) STARKER AIR BTF (390mm / 180mm)
GIGABYTE™ AORUS	AORUS GeForce RTX™ 5070 MASTER 12G https://www.gigabyte.com/us/Graphics-Card/GV-N5070AORUS-M-12GD		317mm	136mm	VALOR AIR PLUS (340mm / 160mm) INVADER X MINI (330mm / 166mm)
	GeForce RTX™ 5070 EAGLE OC SFF 12G https://www.gigabyte.com/us/Graphics-Card/GV-N5070EAGLE-OC-12GD		290mm	120mm	VALOR MESH (308mm / 166mm)
GIGABYTE™	GeForce RTX™ 5070 EAGLE OC ICE SFF 12G https://www.gigabyte.com/us/Graphics-Card/GV-N5070EAGLEOC-ICE-12GD		290mm	120mm	VALOR AIR (308mm / 166mm)
	GeForce RTX™ 5070 WINDFORCE OC SFF 12G https://www.gigabyte.com/us/Graphics-Card/GV-N5070WF3OC-12GD		282mm	110mm	

BRAND	MODEL_5070	IMAGE	LENGTH	WIDTH	COMPATIBLE XPG CHASSIS
	Strix GeForce RTX™ 5070 12GB GDDR7 OC Edition https://rog.asus.com/graphics-cards/graphics-cards/rog-strix/rog-strix-rtx5070-o12g-gaming/		*332mm	*147mm	
	ROG Strix GeForce RTX™ 5070 12GB GDDR7 https://rog.asus.com/graphics-cards/graphics-cards/rog-strix/rog-strix-rtx5070-12g-gaming/		*332mm	*147mm	
	TUF Gaming GeForce RTX™ 5070 12GB GDDR7 OC Edition https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rtx5070-o12g-gaming/		329mm	140mm	
	TUF Gaming GeForce RTX™ 5070 12GB GDDR7 https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rtx5070-12g-gaming/		329mm	140mm	
	PRIME GeForce RTX™ 5070 12GB GDDR7 OC Edition https://www.asus.com/motherboards-components/graphics-cards/prime/prime-rtx5070-o12g/		306mm	126mm	
	PRIME GeForce RTX™ 5070 12GB GDDR7 https://www.asus.com/motherboards-components/graphics-cards/prime/prime-rtx5070-12g/		306mm	126mm	

*Numbers are approximate estimates only.

Disclaimer

This document is intended for XPG internal use only.

The information contained herein, including data and images, are sourced from the official websites of respective brands and is subject to change without prior notice. Please verify the latest updates as needed.