

Video Output Information

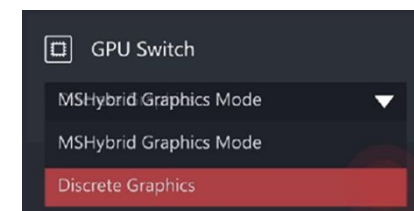
1. In the External Display Output column, the supported resolutions and the refresh rates for each display port are listed.
2. The port listed in front represents the port on the laptop, and the other one represents the port connected on the external monitor.
3. The Display Ports column shows the type and number of output connectors.
*The miniDP and Type-C w/DP ports on the laptops listed in this document support DP v1.4 unless stated otherwise.
4. See the list of used acronyms in the right table.
5. The MUX switch is an option that allows users to run the system in MSHybrid mode or Discrete Graphics mode, and can be configured in the General Settings in MSI Centers (MSI Center/ MSI Center Pro) on laptops that support it.
6. To know which graphics card the display port is wired to, check where the display port is shown in the table, or check the connected graphics in the “Set PhysX Configuration” page in NVIDIA Control Panel.

External Display Output	
Max Resolution	Max Refresh Rate
TBT-HDMI ¹ : 4096x2160 @60Hz TBT-DP: 5120x2160 @60Hz TBT-Type C(TB/DP): 5120x2160 @60Hz	TBT-HDMI ¹ : 1920x1080 @240Hz TBT-DP: 1920x1080 @240Hz TBT-Type C(TB/DP): 1920x1080 @240Hz

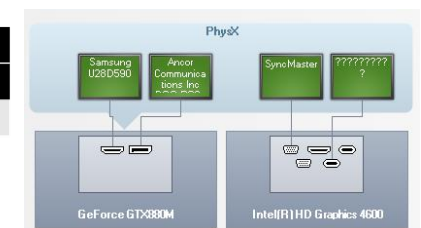
Max Resolution
TBT-HDMI ¹ : 4096x2160 @60Hz TBT-DP: 5120x2160 @60Hz TBT-Type C(TB/DP): 5120x2160 @60Hz
NB
Monitor

Display Ports	
iGPU	dGPU
TBT 4 ³ x1	-
Type-C w/DP x1	-
-	HDMIx1

Acronym	Description
DP/mDP	Display Port/ mini Display Port
HDMI	High-Definition Multimedia Interface
TBT	Thunderbolt
iGPU/dGPU	Integrated GPU/ Dedicated GPU



Display Ports	
iGPU	dGPU
TBT 4 ³ x2	-



MSI Laptops with AMD Ryzen AI 300/ Ryzen 200 Series Processor

Gaming

- [Stealth Series](#)
- [Cyborg Series](#)

Business & Productivity

- [Summit Series](#)
- [Prestige Series](#)
- [Venture Series](#)

Content Creation

- [Creator Series](#)

Stealth series – 1/6

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU*1	Max Resolution	Max Refresh Rate	
Stealth A16 AI+ A3XVGG	RTX 4070	V	Type-C w/DP x1	-	TBT-Type C(TB/DP): 7680x4320 @60Hz	TBT-Type C(TB/DP): 1920x1080 @380Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	
Stealth A16 AI+ A3XVFG	RTX 4060	V	Type-C w/DP x1	-	TBT-Type C(TB/DP): 7680x4320 @60Hz	TBT-Type C(TB/DP): 1920x1080 @380Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	
Stealth A16 AI+ A3XVEG	RTX 4050	V	Type-C w/DP x1	-	TBT-Type C(TB/DP): 7680x4320 @60Hz	TBT-Type C(TB/DP): 1920x1080 @380Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Stealth series – 2/6

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU*1	Max Resolution	Max Refresh Rate	
Stealth A16 AI+ A3HVGG	RTX 4070	V	Type-C w/DP x1	-	TBT-Type C(TB/DP): 7680x4320 @60Hz	TBT-Type C(TB/DP): 1920x1080 @380Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	
Stealth A16 AI+ A3HVFG	RTX 4060	V	Type-C w/DP x1	-	TBT-Type C(TB/DP): 7680x4320 @60Hz	TBT-Type C(TB/DP): 1920x1080 @380Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	
Stealth A16 AI+ A3HVEG	RTX 4050	V	Type-C w/DP x1	-	TBT-Type C(TB/DP): 7680x4320 @60Hz	TBT-Type C(TB/DP): 1920x1080 @380Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Stealth Series- 3/6

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU*1	Max Resolution	Max Refresh Rate	
Stealth A16 AI+ A3XWJG	RTX 5090	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-TBT: 5120x2160 @60Hz	Type C-HDMI: 1920x1080 @240Hz Type C-DP: 1920x1080 @380Hz Type C-TBT: 5120x2160 @60Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	
Stealth A16 AI+ A3XWIG	RTX 5080	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-TBT: 5120x2160 @60Hz	Type C-HDMI: 1920x1080 @240Hz Type C-DP: 1920x1080 @380Hz Type C-TBT: 5120x2160 @60Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	
Stealth A16 AI+ A3XWHG	RTX 5070TI	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-TBT: 5120x2160 @60Hz	Type C-HDMI: 1920x1080 @240Hz Type C-DP: 1920x1080 @380Hz Type C-TBT: 5120x2160 @60Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Stealth Series- 4/6

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU*1	Max Resolution	Max Refresh Rate	
Stealth A16 AI+ A3HWJG	RTX 5090	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-TBT: 5120x2160 @60Hz	Type C-HDMI: 1920x1080 @240Hz Type C-DP: 1920x1080 @380Hz Type C-TBT: 5120x2160 @60Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	
Stealth A16 AI+ A3HWIG	RTX 5080	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-TBT: 5120x2160 @60Hz	Type C-HDMI: 1920x1080 @240Hz Type C-DP: 1920x1080 @380Hz Type C-TBT: 5120x2160 @60Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	
Stealth A16 AI+ A3HWHG	RTX 5070TI	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-TBT: 5120x2160 @60Hz	Type C-HDMI: 1920x1080 @240Hz Type C-DP: 1920x1080 @380Hz Type C-TBT: 5120x2160 @60Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Stealth Series- 5/6

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU*1	Max Resolution	Max Refresh Rate	
Stealth A16 AI+ A3XWGG	RTX 5070	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 3840*2160 160Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 1920x1080 @380Hz Type C- Type C(DP): 2560*1440 @360Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	
Stealth A16 AI+ A3XWFG	RTX 5060	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 3840*2160 160Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 1920x1080 @380Hz Type C- Type C(DP): 2560*1440 @360Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	
Stealth A16 AI+ A3HWGG	RTX 5070	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 3840*2160 160Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 1920x1080 @380Hz Type C- Type C(DP): 2560*1440 @360Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	
Stealth A16 AI+ A3HWFG	RTX 5060	V	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 3840*2160 160Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 1920x1080 @380Hz Type C- Type C(DP): 2560*1440 @360Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Stealth Series – 6/6

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU*1	Max Resolution	Max Refresh Rate	
Stealth A18 AI+ A3XWJG	RTX 5090	V	Type-C w/DP x2	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	4*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360H	
Stealth A18 AI+ A3XWIG	RTX 5080	V	Type-C w/DP x2	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	4*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360H	
Stealth A18 AI+ A3XWHG	RTX 5070TI	V	Type-C w/DP x2	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	4*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 2560x1440 @360H	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Cyborg Series – 1/1

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU* ¹	Max Resolution	Max Refresh Rate	
Cyborg A17 AI B2HWFKG	RTX 5060	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
Cyborg A17 AI B2HWEKG	RTX 5050	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
Cyborg A15 AI B2HWFKG	RTX 5060	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
Cyborg A15 AI B2HWEKG	RTX 5050	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Creator series – 1/2

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU* ¹	Max Resolution	Max Refresh Rate	
Creator A16 AI+ A3XVGG	RTX 4070	V	Type-C w/DP x1	-	Type C-Type C(DP): 3840*2160 @144Hz	Type C-Type C(DP): 2560*1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	
Creator A16 AI+ A3XVFG	RTX 4060	V	Type-C w/DP x1	-	Type C-Type C(DP): 3840*2160 @144Hz	Type C-Type C(DP): 2560*1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	
Creator A16 AI+ A3XVEG	RTX 4050	V	Type-C w/DP x1	-	Type C-Type C(DP): 3840*2160 @144Hz	Type C-Type C(DP): 2560*1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Creator series – 2/2

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU*1	Max Resolution	Max Refresh Rate	
Creator A16 AI+ A3HVGG	RTX 4070	V	Type-C w/DP x1	-	Type C-Type C(DP): 3840*2160 @144Hz	Type C-Type C(DP): 2560*1440 @360Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	
Creator A16 AI+ A3HVFG	RTX 4060	V	Type-C w/DP x1	-	Type C-Type C(DP): 3840*2160 @144Hz	Type C-Type C(DP): 2560*1440 @360Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	
Creator A16 AI+ A3HVEG	RTX 4050	V	Type-C w/DP x1	-	Type C-Type C(DP): 3840*2160 @144Hz	Type C-Type C(DP): 2560*1440 @360Hz	3*2
			-	HDMI x1	HDMI : 7680x4320 @60Hz	HDMI : 1920x1080 @240Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Summit series – 1/1

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU ^{*1}	Max Resolution	Max Refresh Rate	
Summit A16 AI+ A3HMTG	UMA	x	Type-C w/DP x2	-	Type C-Type C(DP): 7680x4320 @60Hz	Type C-Type C(DP): 1920x1080 @380Hz	3 ^{*2}
			HDMI x1-	-	HDMI : 5120x1440 @144Hz	HDMI : 2560x1440 @360Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Prestige series – 1/1

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU ^{*1}	Max Resolution	Max Refresh Rate	
Prestige A16 AI+ A3HMG	UMA	x	Type-C w/DP x2	-	Type C-Type C(DP): 7680x4320 @60Hz	Type C-Type C(DP): 1920x1080 @380Hz	3 ^{*2}
			HDMI x1-	-	HDMI : 5120x1440 @144Hz	HDMI : 2560x1440 @360Hz	
Prestige A16 AI+ A3XMG	UMA	x	Type-C w/DP x2	-	Type C-Type C(DP): 7680x4320 @60Hz	Type C-Type C(DP): 1920x1080 @380Hz	3 ^{*2}
			HDMI x1-	-	HDMI : 5120x1440 @144Hz	HDMI : 2560x1440 @360Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Venture Series – 1/3

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU* ¹	Max Resolution	Max Refresh Rate	
Venture A17 AI A2HM	UMA	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			HDMI x1	-	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
Venture A16 AI+ A3HM	UMA	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			HDMI x1	-	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
Venture A15 AI A2HMG	UMA	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			HDMI x1	-	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
Venture A14 AI+ A3HM	UMA	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			HDMI x1	-	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Venture Series – 2/3

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU* ¹	Max Resolution	Max Refresh Rate	
VenturePro A17 AI+ A3HWFG	RTX 5060	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
VenturePro A17 AI+ A3HWEG	RTX 5050	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
VenturePro A16 AI+ A3HWFG	RTX 5060	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
VenturePro A16 AI+ A3HWEG	RTX 5050	X	Type-C w/DP x1	-	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			-	HDMI x1	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.

Venture Series – 3/3

Notebook	GPU	MUX Switch	Display Ports		External Display Output		Matrix Display (incl. NB display)
			iGPU	dGPU* ¹	Max Resolution	Max Refresh Rate	
VenturePro A15 AI+ A3HWFG	RTX 5060	X	RTX 5060	Type-C w/DP x1	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			HDMI x1	-	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
VenturePro A15 AI+ A3HWEG	RTX 5050	X	RTX 5050	Type-C w/DP x1	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			HDMI x1	-	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
VenturePro A14 AI+ A3HWFG	RTX 5060	X	RTX 5060	Type-C w/DP x1	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			HDMI x1	-	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	
VenturePro A14 AI+ A3HWEG	RTX 5050	X	RTX 5050	Type-C w/DP x1	Type C-HDMI: 7680x4320 @60Hz Type C-DP: 7680x4320 @60Hz Type C-Type C(DP): 5120*1440 @144Hz	Type C-HDMI: 2560x1440 @360Hz Type C-DP: 2560x1440 @360Hz Type C-Type C(DP): 2560x1440 @360Hz	3* ²
			HDMI x1	-	HDMI : 4096x2160 @60Hz	HDMI : 1920x1080 @240Hz	

Note:

*1: VR devices will require display ports wired to the dGPU to function correctly.

Display output ports wired to the dGPU support external displays in MSHybrid Graphics and Discrete Graphics mode only.

*2: Maximum matrix display numbers are tested under MSHybrid mode.