

Axelera® AI Metis® Host Systems: From Embedded to Servers



Axelera's Metis AI Accelerator Cards are compatible with any host system that satisfies the requirements outlined in the datasheets. The systems listed below are validated examples from Axelera and its partners.

Metis 1-chip PCIe Host Systems: Validated on Intel, AMD & Arm

Manufacturer	Host System	Form Factor	Max Cards	Description	Where to Buy	Availability
Desktop PC						
Dell	XE5 Slim Pro Plus	Enterprise SFF	1	Intel Core i5/i7/i9 (13th/14th Gen), enterprise SFF	dell.com	Now
Dell	OptiPlex 7010	Business	1	Intel Core i5/i7/i9 (12th/13th Gen), business desktop	dell.com	Now
Dell	OptiPlex 7020	Business	1	Intel Core i5/i7/i9 (13th/14th Gen), business desktop	dell.com	Now
Dell	Precision 3460	SFF	1	Intel Core i5/i7/i9, Enterprise SFF	dell.com	EOL
Lenovo	P360 Ultra	Compact	2	Intel Core i5/i7/i9, compact workstation	lenovo.com	EOL
Lenovo	Lenovo P3 Tiny Gen2	Ultra-compact	1	Intel Core i5/i7/i9, ultra-compact workstation	lenovo.com	Now
Lenovo	P3 Tower Gen 2	Tower	2	Intel Core Ultra 5/7/9 (Series 2), tower workstation	lenovo.com	Now
Lenovo	P5 Tower	Tower	2	Intel Xeon W-2400, tower workstation	lenovo.com	Now
Lenovo	M75t Gen2	Tower	1	AMD Ryzen 5/7 Pro, tower desktop	lenovo.com	Now
HP	Elite Tower 800 G9	Business tower	1	Intel Core i5/i7/i9 (12th/13th Gen), business tower	hp.com	Now
Industrial PC						
Advantech	ARK-3534B	Fanless box	1	Intel Core i3/i5/i7, embedded fanless box PC	advantech.com	Now
Advantech	MIC-770v3	Modular	1	Intel Core i5/i7/i9, compact modular industrial	advantech.com	Now
SECO	Palladio 500 RPL	Fanless embedded	1	Intel Core i3/i5/i7/i9, 195x170 mm	seco.com	Now
ASUS	PE5101D	Fanless	1	Intel Core i5/i7, fanless, pre-integrated	asus.com	Now
Jetway	DMTX-ADN1-N97	Mini-ITX	1	Intel N97, Mini-ITX board	jetway.com	Now
Firefly	ITX-3588J	Mini-ITX	1	Rockchip RK3588, Mini-ITX board	en.t-firefly.com	Now
SBC / Embedded						
Advantech	AOM-5521	SoM	1	NXP i.MX 95, 82x50 mm	advantech.com	Now
Renesas	RZ/V2H EVK	Dev platform	1	Renesas RZ/V2H (Cortex-A55), 8 TOPS DRP-AI3	renesas.com	Now
Edge Server						
Supermicro	SYS-510D-10C-FN6P	Mini 1U rack	1	Intel Xeon D-2700, 1U x 17.2" x 9.8"	supermicro.com	Now
Kontron	KISS 1U V4 ADL	1U rack	1	Intel Core i3/i5/i7 (12th Gen), 1U x 19" x 16.93"	kontron.com	Now

Metis 4-chip PCIe Host Systems: Desktop to Dense Edge Servers

Manufacturer	Host System	Form Factor	Max Cards	Description	Where to Buy	Availability
Desktop PC						
PowerSpec	PowerSpec G450	Gaming tower	3	Intel Core i7/i9, gaming tower, 3 PCIe slots	powerspec.com	Now
Lenovo	P3 Tower Gen 2	Tower	1	Intel Core Ultra 5/7/9 (Series 2), tower workstation	lenovo.com	Now
Lenovo	P5 Tower	Tower	1	Intel Xeon W-2400, tower workstation	lenovo.com	Now
Industrial PC						
Advantech	MIC-75G30	Ruggedized	2	Intel Xeon/Core, ruggedized GPU system	advantech.com	Now
Aetina	AIP-FR68	Workstation	1	Intel Core i7/i9, desktop AI workstation	aetina.com	Now
ASUS	PE8000G	Ruggedized	1	Intel Core i5/i7/i9, ruggedized dual-GPU, MIL-STD-810H	asus.com	Now
Edge Server						
SuperMicro	SYS-322GA-NR	3U rack	6	Intel Xeon 6, 3U x 17.26" x 31.5"	supermicro.com	Now
Kontron	KISS 1U V4 ADL	1U rack	1	Intel Core i3/i5/i7 (12th Gen), 1U x 19" x 16.93"	kontron.com	Now

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Metis M.2 Rev 1.1 Host Systems: SBCs to Edge Servers

Manufacturer	Host System	Form Factor	Max Cards	Description	Where to Buy	Availability
Desktop PC						
SECO	Titan 300	Industrial	1	Intel Core i3/i5/i7 (11th Gen), 195x170 mm	seco.com	Now
Azulle	Byte Pro	Compact	1	Intel Celeron N5105, 119x119x26 mm	azulle.com	Now
ASRock	4X4 BOX-8840U	NUC	1	AMD Ryzen 7 8840U, 117x112x56 mm	asrock.com	Now
ASUS	NUC 14 Pro+	Business	1	Intel Core Ultra 5/7/9, 144x112x41 mm	asus.com	Now
Minisforum	UM760 Slim	Compact	1	AMD Ryzen 5 7640HS, 127x128x47 mm	minisforum.com	Now
Industrial PC						
SECO	Palladio 400 RPL	Fanless embedded	1	Intel Core i3/i5/i7/i9, 170x170 mm	seco.com	Now
Kontron	KBox A-151-RPL	Fanless	1	Intel Core i3/i5/i7, 180x70x123 mm	kontron.com	Coming soon
Onlogic	Karbon 801/802	Rugged PC	1	Intel Core i3/i5/i7/i9 (12th Gen), 240x60x267 mm	onlogic.com	Now
Aetina	Mure 7-A1 ¹	Edge AI	3	Intel Core i3/i5/i7 (13th Gen), edge AI server	aetina.com	Now
Lenovo	ThinkEdge SE60n Gen 2	Fanless edge	1	Intel Core Ultra 5/7 (Series 2), 240x150x59 mm	lenovo.com	Q3 2026
SBC / Embedded						
Orange Pi	Orange Pi 5 Plus	SBC	1	Rockchip RK3588, 110x75 mm	orangepi.org	Now
Raspberry Pi	Raspberry Pi 5 ²	SBC	1	Broadcom BCM2712, 85x58 mm	raspberrypi.com	Now
FriendlyElec	NanoPC-T6	SBC	1	Rockchip RK3588, 110x80 mm	friendlyelec.com	Now
Nvidia	Jetson Orin Nano/NX	Dev platform	1	NVIDIA Orin SoC, 100x79 mm	nvidia.com	Now

¹ Thermal throttling may be triggered due to system-level cooling limitation (see Metis M.2 datasheet for cooling and troubleshooting).

² Host system's M.2 slot power delivery does not meet required specification, resulting in lower performance (see Metis M.2 datasheet for power requirement).