



Mix & Match EDGEBoost Nodes Performance Accelerators Upgrade



The AI Edge Inference Computers support modular add-on nodes through a two-piece modular design that allows the EDGEBoost Nodes to easily attach to the lower portion of the RCO-6000-(CFL/CML/ADL) for more performance accelerators.

Model	PCI/PCIe	SATA Boost	NVMe Boost	GPU Boost
RCO-6000-ADL Alder Lake S	2C	2C-4B7M	2E-4N (7mm)	2C-2PWR
		2C-2B15M	4NS (15mm)	20-2060S
			4NH (15mm)	2N-2060S
		8NS (7mm)	4N-2060S	
Model	PCIe/PCI	SATA Boost	NVMe Boost	GPU Boost
RCO-6000-CML Comet Lake S	2C	2C-4B7M	2E-4N (7mm)	2C-2PWR
		2C-2B15M	4NS (15mm)	20-2060S
			4NH (15mm)	2N-2060S
		8NS (7mm)	4N-2060S	
Model	PCIe/PCI	NVMe Boost	GPU Boost	
RCO-6000-CFL Coffee Lake R	2C	2E-4N (7mm)	2C-2PWR	
		4NS (15mm)	2N-2060S	
		4NH (15mm)	4N-2060S	
		8NS (7mm)		

* PCI/PCIe and SATA Boost modules have optional 2C, 2E or 2I configurations:

- 2C: 1x PCIe x16, 1x PCI
- 2E: 2x PCIe x16 (8x Lane)
- 2I : 2x PCI




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MIX & MATCH EDGEBoost Nodes

EDGEBoost nodes are highly configurable performance boosters designed to meet the demand for complex applications that require powerful data processing, high-speed data storage, and inference capabilities at the edge. EDGEBoost nodes attach to the lower portion of the AI Edge Inference Computers, providing SATA, NVMe storage, and GPU acceleration for complex edge workloads.



Top Industrial Fanless PC:

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|  <p>RCO-6000-CFL Series</p> <ul style="list-style-type: none"> • 2x Hotswap SATA SSD (7mm) • 2x Internal SATA SSD (9mm) • 1x M.2 M Key 2280 |  <p>RCO-6000-CML Series</p> <ul style="list-style-type: none"> • 2x Hotswap SATA SSD (7mm) • 1x Internal SATA SSD (9mm) • 1x M.2 E Key 2230 |  <p>RCO-6000-ADL Series</p> <ul style="list-style-type: none"> • 2x Hotswap SATA SSD (7mm) • 1x Internal SATA SSD (9mm) • 1x M.2 B Key 2242 |
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Bottom Modular "EDGEboost Nodes" Configurations:

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|---|---|
|  <p>2C</p> <ul style="list-style-type: none"> • 1x PCI and 1x PCIe x16 Expansion Slots • Fanless Design |  <p>2C-2PWR</p> <ul style="list-style-type: none"> • 1x PCIe x16 for GPU Expansion • Dedicated Wide-Voltage 12-48VDC for GPU • Highspeed Exhaust Fan |
|  <p>2C-2B15M</p> <ul style="list-style-type: none"> • 1x PCI, 1x PCIe x16 (8-lane) • 2x Hotswap 2.5" SATA SSD (15mm) • Software RAID 0, 1, 5, 10 • Highspeed Exhaust Fan |  <p>20-2060S</p> <ul style="list-style-type: none"> • 1x Nvidia RTX 2060 • Dedicated Wide Voltage 12-48VDC for GPU • Highspeed Exhaust Fan |
|  <p>2C-4B7M</p> <ul style="list-style-type: none"> • 1x PCI, 1x PCIe x16 (8-lane) • 4x Hotswap 2.5" SATA SSD (7mm) • Software RAID 0, 1, 5, 10 • Highspeed Exhaust Fan |  <p>8NS (7mm)</p> <ul style="list-style-type: none"> • 1x PCIe x4 (1-lane) • 8x Hotswap NVMe SSD • Software RAID 0, 1, 5, 10 • Hot-Swappable Smart Fan |
|  <p>4NH (15mm)</p> <ul style="list-style-type: none"> • 1x PCIe x8 (for RAID Card) • 4x Hotswap NVMe SSD • Hardware RAID 0, 1, 5, 6, 10 • Hot-Swappable Smart Fan |  <p>4NS (15mm)</p> <ul style="list-style-type: none"> • 1x PCIe x4 (1-lane) • 4x Hotswap NVMe SSD • Software RAID 0, 1, 5, 10 • Hot-Swappable Smart Fan |
|  <p>2N-2060S</p> <ul style="list-style-type: none"> • 1x Nvidia RTX 2060 • 2x Hotswap NVMe SSD (15mm) • 1x PCIe x4 (1-lane) • Hot-Swappable Smart Fan |  <p>4N-2060S</p> <ul style="list-style-type: none"> • 1x Nvidia RTX 2060 • 4x Hotswap NVMe SSD (7mm) • 1x PCIe x4 (1-lane) • Hot-Swappable Smart Fan |

