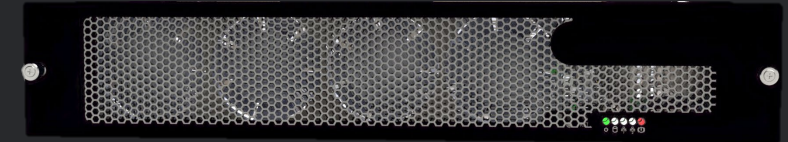


ORION AP320A-G5



Characteristics	Specifications per node				
Form Factor	2U				
Dimensions	W:440mm x H:87mm x L:820mm		support 2 post rack and 4 post rack		
PSU	2 x 600W redundant power supply				
TDP	Up to 120W				
Processor	1 x AMD EPYC™ 7252 - 8 cores @ 3.1Ghz				
Memory	8 x DIMM slots DDR4-2400MHz, 8-Channel memory architecture, up to 256GB				
Drive Options	M.2 storage available up to 960GB or 2.5in Internal SSD/HDD				
PCIe	2 x PCIe 3.0 x16 slots HHHH		4 x PCIe3.0x 16 3 x PCIe 3.0x8		
	1 x PCIe 3.0 x8 slot HHHH 1 x PCIe 3.0 x16 slot FHFL 1 x PCIe 3.0 x8 slot FHFL				
LAN	Dual 10GbE Base-T (Intel® X550) supporting 10000/1000 /100 /10 Mbps 1x Dedicated Management LAN (IPMI)				
I/O	1 X VGA, 2 x USB 3.1, 2+1 RJ45 Gigabit Ethernet LAN port, 1 x COM port				
Management	Aspeed AST2500				
Video input	Blackmagic Half Height card or Black Magic Full Height card				
Accelerator card	5 x Xilinx Alveo			7 x Xilinx Alveo	
Media Processing capability*	Channel	Cost per Channel	Power per channel (W)	Server per Rack	Channel per Rack
	56	\$199	8	16	903

* 7 Accelerator cards configuration