

### PARAM Shavak-2.0 Variants Technical Details

Item	PARAM Shavak 2.0 HPC	PARAMShavak 2.0 ML/DL	PARAM Shavak SRISHTI 2.0 (Bio/Agriculture Variant)
Processor	2 × Intel Xeon Gold 6240R or equivalent (24 core, 2.4GHz Clock Speed)	2 × Intel Xeon Gold 6240R or equivalent (24 core, 2.4GHz Clock Speed)	2 × Intel Xeon Gold 6240R or equivalent (24 core, 2.4GHz Clock Speed)
RAM	192GiB (Up to 1.28TB) ECC DDR4 3200 MHz, RAM in balanced configuration	192GiB (Up to 1.28TB) ECC DDR4 3200 MHz, RAM in balanced configuration	192GiB (Up to 1.28TB) ECC DDR4 3200 MHz, RAM in balanced configuration
Network	2 × 10GbE network port	2 × 10GbE network port	2 × 10GbE network port
	1 × 1GbE for BMC Management	1 × 1GbE for BMC Management	1 × 1GbE for BMC Management
	1 × Ethernet port for serial communication.	1 × Ethernet port for serial communication.	1 × Ethernet port for serial communication.
Accelerator's slot/ports etc	2 × PCIe Gen3 x16 Slots for GPU/Co-processors, with appropriate power supply, cables and cooling for two accelerators.	2 × PCIe Gen3 x16 Slots for GPU/Co-processors, with appropriate power supply, cables and cooling for two accelerators.	2 × PCIe Gen3 x16 Slots for GPU/Co-processors, with appropriate power supply, cables and cooling for two accelerators.
Accelerator	1x NVIDIA A30 / A800/ MI 210 for Computation	1x NVIDIA / RTX5000ADA/ RTX4500ADA/ RTX4000ADA/ MI210 for Computation	1x NVIDIA A30 / A800/ MI 210 for Computation
HDD	2 × 15TB NVMe/SATA SSD with Hardware RAID controller - with support of RAID 0,1,5	2 × 15TB NVMe/SATA SSD with Hardware RAID controller - with support of RAID 0,1,5	2 × 15TB NVMe/SATA SSD with Hardware RAID controller - with support of RAID 0,1,5
OS Certified	C-DAC PS-BOSS OS	C-DAC PS-BOSS OS	C-DAC PS-BOSS OS
Power Supply	2400W High Efficiency Power Supply	2400W High Efficiency Power Supply	2400W High Efficiency Power Supply
CPU Cooling	DCLC Based Cooling	DCLC Based Cooling	DCLC Based Cooling
Form Factor	All In One (Table top model)	All In One (Table top model)	All In One (Table top model)
Display Card	Nvidia Tesla P1000/A 400	Nvidia Tesla P1000/A 400	Nvidia Tesla P1000/A 400
Monitor	Integrated 32" Full HD 1920x1080 LCD monitor with Keyboard and Mouse.	Integrated 32" Full HD 1920x1080 LCD monitor with Keyboard and Mouse.	Integrated 32" Full HD 1920x1080 LCD monitor with Keyboard and Mouse.