

Veriton | P

P530 F3

Offering extreme performance and expandability, the Veriton P530 F3 workstation is an ideal choice for intensive computing and rendering tasks. Enterprise-level expandability and redundancy allow the Veriton P530 F3 to tackle even the largest projects with confidence.

Processing power for demanding design and analysis

The Veriton P530 F3 provides performance and reliability for our most demanding users, like designers, engineers and research professionals. Harnessing up to two Intel® processors and NVIDIA® Quadro® or Tesla™ GPUs, these systems can offload CPU processing with CUDA™ or Open-CL enabled applications to deliver amazing processing performance.

High-end components for speedy computing

The Veriton P530 F3 features Intel® architecture, up to 1024 GB memory, and fast dual-port Ethernet. It uses up to two industry-leading processors to handle large workloads efficiently and contains flexible expansion slots and abundant space for data storage.

Built for flexibility and quiet efficiency

With its spacious case, the Veriton P530 F3 is built for easy access to hard drive bays and card expansion. This workstation is equipped with a quiet 80 PLUS® power supply for maximum energy efficiency.





Mainboard	Processor type	Up to 2x Intel® Xeon® processor E5-2600 v3/v4 series	
	Chipset	Intel® C612 chipset	
	Memory ^{1, 2, 3, 4}	Up to 16x 2133/2400 MHz DDR4 Registered/Load Reduced ECC memory Registered DIMM size: 4/8/16/32 GB • Up to 512 GB registered DDR4 memory Load Reduced DIMM size: 8/16/32/64 GB • Up to 1024 GB LR DDR4 memory	
	Expansion slots ⁴	3x PCIe 3.0 x16 slots 2x PCIe 3.0 x8 slots	1x PCIe 2.0 x4 slot (x8 connector)
	Onboard ports	Front: • LED indicators: power, HDD activity, LAN • 2x USB 3.0 ports Rear: • 4x USB 3.0 ports • 2x USB 2.0 ports	
Add-on cards	SATA	10x SATA 3.0 (6 Gbps) Software RAID 0, 1, 5, 10 (with Windows OS) Optional SAS hardware RAID	
	LAN controller	Intel® i210 Dual Port Gigabit Ethernet controller	
	Graphics	NVIDIA® Quadro® M6000, 12 GB NVIDIA® Quadro® M5000, 8 GB NVIDIA® Quadro® M4000, 8 GB NVIDIA® Quadro® K2200, 4 GB	NVIDIA® Quadro® K620, 2 GB NVIDIA® Quadro® K420, 1 GB NVIDIA® Quadro® NVS510, 2GB NVIDIA® Quadro® NVS310, 512 MB
	GPU accelerators	NVIDIA® Tesla™ M2075, 6 GB NVIDIA® Tesla™ K40, 12 GB	NVIDIA® Tesla™ K20C, 5 GB
	Co-processors	Intel® Xeon Phi™ 3120A, 6GB	
Security and service features	Thunderbolt	AOC-TBT-DSL5320, Thunderbolt 2,W/Display and GPIO cable,HF,RoHS/REACH	
		Administrator/user password Power-on password Setup password	Device boot control BIOS write-protected Power/Reset button lockout
Sub-system availability	Power supply	900 W 80 PLUS® Gold-level efficient fixed	
	System cooling	Super Quiet System Fan and Optimized Cooling Technology	
Chassis	Storage	Up to 4 x 3.5" and 2.5" (optional) SATA/SAS/SSD HDD	
	Form Factor	Tower chassis (40 L)	
	Removable media bays	Up to 2 x ODD drive	
	Dimensions	193 (W) x 525 (D) x 424 mm (H) (7.6 x 20.7 x 16.7 inches)	
OS support	Weight	19 kg (41.8 lbs.) maximum (all component slots and sockets fully populated)	
	Certified OS	Microsoft Windows 8.1 (64 bit) Microsoft Windows 7 (64 bit)	RedHat Enterprise Linux 7.1 Workstation Microsoft Windows 10 (64 bit)
Warranty		3-year standard warranty or choose extended warranties and services ⁵	
Acoustics	Sound pressure (LpAm)	Idle: • 23.1 dB	Operating: • 25.8 to 36.8 dB ⁷
Regulatory compliance	Emissions classification (EMC)	FCC (Class B)	CE (Class B) BSMI (Class B)
	Industry standard compliance / safety	UL	CB

1. Mixed use of registered memory and load reduced ECC memory not supported.

2. 32/64 GB memory availability may vary by region.

3. Two CPUs required to use all slots.

4. Extended warranty services may vary by country. Please contact your Acer authorized reseller for more information.

5. Depends on configuration.

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