

# Veriton | P

## P530 F2

Offering extreme performance and expandability, the Veriton P530 F2 workstation is an ideal choice for intensive computing and rendering tasks. Enterprise-level expandability and redundancy allow the Veriton P530 F2 to tackle even the largest projects with confidence.

### Processing power for demanding design and analysis

The Veriton P530 F2 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 F2 features Intel® architecture, up to 256 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 F2 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.





<b>Mainboard</b>	Processor type	Up to 2x Intel® Xeon® processor E5-2600 v2 series			
	Chipset	Intel® C602 chipset			
	Memory <sup>1, 2, 3, 4</sup>	Up to 16x 1866/1600/1333/1066 MHz DDR3 registered/unbuffered ECC memory Registered DIMM size: 1/2/4/8/16 GB <ul style="list-style-type: none"> <li>Up to 256 GB registered DDR3 memory</li> <li>Unregistered DIMM size: 1/2/4/8 GB</li> <li>Up to 128 GB registered DDR3 memory</li> </ul>			
	Expansion slots <sup>4</sup>	3x PCIe 3.0 x16 slots	1x PCIe 2.0 x4 slot (x8 connector)		
	Onboard ports	Front: <ul style="list-style-type: none"> <li>LED indicators: power, HDD activity, LAN</li> <li>2x USB 3.0 ports</li> <li>2x USB 2.0 ports</li> </ul> Rear: <ul style="list-style-type: none"> <li>2x USB 3.0 ports</li> <li>4x USB 2.0 ports</li> <li>1x PS/2 port</li> </ul>			
SAS RAID	SATA Software RAID 0, 1, 5, 10 (with Windows OS) Optional SAS hardware RAID				
LAN controller	Intel® i350 Dual Port Gigabit Ethernet controller				
<b>Add-on cards</b>	Graphics	NVIDIA® Quadro® K6000, 12 GB NVIDIA® Quadro® K5000, 4 GB NVIDIA® Quadro® K4000, 3 GB NVIDIA® Quadro® K2000, 2 GB NVIDIA® Quadro® K600, 1 GB NVIDIA® Quadro® 6000, 6 GB	NVIDIA® Quadro® 5000, 1 GB NVIDIA® Quadro® 4000, 2 GB NVIDIA® Quadro® 2000, 1 GB NVIDIA® Quadro® 600, 1 GB NVIDIA® Quadro® NVS450, 512 MB		
	GPU accelerators	NVIDIA® Tesla™ M2090, 6 GB NVIDIA® Tesla™ M2075, 6 GB NVIDIA® Tesla™ M2070, 6 GB	NVIDIA® Tesla™ C2075, 6 GB NVIDIA® Tesla™ C2050, 3 GB NVIDIA® Tesla™ K20c, 5 GB		
	Co-processors	Intel® Xeon Phi™ 3120A			
	<b>Security and service features</b>	Administrator/user password	Power-on password	Device boot control	
		Setup password		BIOS write-protected	
			Power/Reset button lockout		
<b>Sub-system availability</b>	Power supply	900 W 80 PLUS® Gold-level efficient fixed			
	System cooling	Super Quiet System Fan and Optimized Cooling Technology			
	Storage	Up to 4 x 3.5" or 2.5" SATA HDDs			
<b>Chassis</b>	Form Factor	Tower chassis (40 L)			
	Removable media bays	Up to 2 x ODD drive			
	Dimensions	193 (W) x 530 (D) x 424 mm (H) (7.6 x 20.7 x 16.7 inches)			
	Weight	18.1 kg (40 lbs.) maximum (all component slots and sockets fully populated)			
<b>OS support</b>	Certified OS	Microsoft Windows 8 Professional (64 bit) Microsoft Windows 7 Pro (64 bit)	Microsoft Windows 7 Ultimate (64 bit) RedHat Linux Enterprise DT v6.4		
	<b>Warranty</b>	3-year standard warranty or choose extended warranties and services <sup>5</sup>			
<b>Acoustics</b>	Sound pressure (LpAm)	Idle:	Operating:		
		• 23.1 dB	• 25.8 to 36.8 dB <sup>7</sup>		
<b>Regulatory compliance</b>	Emissions classification (EMC)	FCC (Class B)	CE (Class B)	BSMI (Class B)	
	Industry standard compliance / safety	MET	CB	Nemko/GS	

- Mixed use of registered memory and unbuffered ECC memory not supported.
- 16 GB memory availability may vary by region.
- 1600 MHz DIMMs can only be populated up to two DIMMs per channel.
- Two CPUs required to use all slots.
- Extended warranty services may vary by country. Please contact your Acer authorized reseller for more information.
- Depends on configuration.

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