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Acer Altos P10 F8

Altos P10 F8 equipped with 13th Generation Intel® Core™ Processors, offers extreme compute power to handle heavy workloads with higher efficiency. Supports multiple PCIe Gen4 expansion slots and dual PCIe GEN4 M.2 NVMe SSD which makes high processing performance and data storage speed. Ideal for users demanding long-term usage, performance focusing, and flexible expansions.

Powerful performance

With 13th Generation Intel® Core™ Processors, Altos P10 F8 provides state of art performance. Except for built-in Intel® UHD Graphics high-quality display technology, Altos P10 F8 also support a variety of the latest NVIDIA® graphics cards. With optional NVIDIA® Quadro RTX professional graphics card, its RT and Tensor core support real-time ray tracing and artificial intelligence acceleration, providing the best graphics computing performance.

Flexible expansions, easy maintenance

Altos P10 F8 has multiple PCIe Gen4 expansion slots, dual PCIe GEN4 M.2 NVMe SSD slots, provides the most flexible and high speed expansion options. Also with latest Wi-Fi 6E to further mitigate the limitation of distance. And thanks to its unique chassis design, users can easily replace or update internal components, significantly reduce maintenance time & costs.

A variety of choice for chassis and power supplies

Altos P10 F8 Provide three kinds of chassis and multiple gold and silver 80PLUS power supply options, users can easily find the best combinations to meet diffrenet demands.



30L



20L



10L

CPU	Processor type	• Intel 12 th / 13 th Core™ series, TDP up to 125W			
	Number of processors	1			
On-board Devices	Chipset	Intel® B660 Chipset			
	SATA	4 SATA3 (6 Gb/s) ports			
	SATA RAID	Intel onboard software RAID 0, 1, 5, 10 (only supports Windows OS) ¹			
	Graphics	Intel® UHD Graphics 700 series			
	Network controller	1 Gb/s (10/100/1000) BASE-T LAN Port (Intel® I219-V)			
	Audio controller	5.1 CH HD Audio (Realtek® ALC897)			
Memory	Memory slot	4 DIMM slots (Dual channel)			
	Memory type	Up to 128GB, Non ECC UDIMM, DDR4 3200 MHz			
Expansion slots	PCIe / PCI	<ul style="list-style-type: none"> • 1 PCI-E 4.0 x16 slot • 1 PCI-E 3.0 x16 slot (x4 Lanes) • 1 PCI-E 3.0 x1 slot • 1 PCI slot 			
	M.2	<ul style="list-style-type: none"> • 2 M.2 2280 PCI-E 4.0 slot (For SSD) • 1 M.2 2230 PCI-E 3.0, E Key for Wi-Fi & Bluetooth 			
I/O ports	Front I/O Port	<ul style="list-style-type: none"> • 1 USB3.2 Gen2 Type-A(w/1.5A Sharing@S5) (w/o BC1.2) Port • 3 USB3.2 Gen1 Type-A Ports 	<ul style="list-style-type: none"> • 1 USB3.2 Gen2 Type-C Port • 1 Combo Jacks (In/Out) • 1 SD Card Reader (Optional) 		
	Rear I/O Port	<ul style="list-style-type: none"> • 1 VGA Port • 1 HDMI 2.1 Port • 2 DP 1.4 Ports • 1 RJ45 Port 	<ul style="list-style-type: none"> • 4 USB 2.0 Ports • 1 Com Port • 3 Audio jacks (In/Out/MIC) 		
Management & Security		• Integrated TPM v2.0			
Drive Bays	Media bay	<ul style="list-style-type: none"> • [10L/20L] 1 Slim slot : For slim ODD (Optional) • [30L] 1 x 5.25" slot : For ODD , 2 x 3.5" slots for CR(Optional) 			
	Storage bay	<ul style="list-style-type: none"> • [10L] 1 x 3.5" slot : For hard disk • [20L] 2 x 3.5" slots : For hard disks • [30L] 4 x 3.5" slots (Optional) : For hard disks 			
Power supply		<ul style="list-style-type: none"> • [10L] 300W Single-rail 12V, 80PLUS® Bronze • [20L] 500W Single-rail 12V, 80PLUS® Gold • [30L] 700W Single-rail 12V, 80PLUS® Gold 			
Form factor	Form factor	Tower			
	Dimensions (D x W x H)	<ul style="list-style-type: none"> • [10L] 348.7 (D) x 105 (W) x 335 (H) mm • [20L] 335 (D) x 175 (W) x 370 (H) mm • [30L] 340.3 (D) x 200 (W) x 450 (H) mm 			
OS		<ul style="list-style-type: none"> • Microsoft® Windows 10/11 Pro 64-bit • UEFI Shell 			
System Authentication ²		EnergyStar 8.0, EPEAT Silver, RoHS Directive, WEEE Directive, REACH Regulation, Erp Lot3			
Regulatory Compliance	EMC	CE	FCC	BSMI(Class B)	
	Safety	CB	MET	GS	MET

1. Integrated SATA RAID supports RAID 0, 1, 5, 10 on Windows® OS only.
2. P10 F8 30L not have BIS certification.
3. Extended warranty services may vary by country. Please contact Altos for more information

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About Altos

Altos Computing Inc. (abbr. Altos) is established in 2017 and it is a subsidiary of Acer Inc. The business model of Altos is to provide the best streamlined and cost-effective integrated solutions thru in-house R&D working with ODM/IHV/ISV on servers, workstations, thin client, network and storage. In the era of demanding speed, Altos provides leading solution included, but not limited to High Performance Computing, Virtual Desktop Infrastructure, Cloud Infrastructure and Software Defined Storage, etc.

Altos provides solutions and services to government, academia, cloud service providers, datacenter operators and enterprises.

