

Altos BrainSphere™ P330 F6

Altos P330 F6 workstation with scalable performance for mainstream industry applications. Featuring up to 2 professional graphics and Intel® Xeon® W-3400 or 2400 processor that is great for VFX, CAD/CAE, 3D modeling and rendering and AI development & edge deployments.

Powerful performance

With Intel Xeon® W-3400 Processors, the Altos P330 F6 represents an architectural turning point for professional high-end compute needs. The all-new architecture optimizes CPU performance, allowing creatives, engineers, and data scientists to work at their best with up to 36 cores, expanded up to 82.5 MB of L3 Cache, and up to 4.8GHz with Intel® Turbo Boost Max Technology 3.0.

Flexible expansions

The Altos P330 F6 combines triple PCIe Gen5 expansion slots, dual PCIe Gen5 M.2 NVMe SSD slots, and support for up to 8 DIMM DDR5 ECC RDIMMs to provide users with enhanced flexibility, high-speed expansion options, and efficient memory management. These features make it an ideal choice for demanding workloads, such as professional content creation, data analysis, and enterprise applications.

Management capabilities

The Altos P330 F6 is equipped with a built-in AST2600 controller, which provides robust remote management and monitoring capabilities for the workstation. With the AST2600 controller, IT administrators gain comprehensive control over the system and the ability to troubleshoot issues remotely, regardless of their location. This feature enhances the overall reliability of the system by enabling efficient management and reducing downtime.



Specification		
CPU	Processor type	Intel® Xeon® W-3400/2400 Processors, TDP up to 300W
	Number of processors	1
On-board Devices	Chipset	Intel® W790 Chipset
	SATA	6 SATA3 (6 Gb/s) ports
	SATA/PCIe RAID	Intel onboard software RAID 0,1,5,10 (via BIOS) (Windows Only) ¹
	IPMI	ASPEED AST2600
	Graphics	VGA Port (through BMC)
	Network controller	1 RJ45 1 Gb/s Ethernet LAN Port (Intel® i210AT, share IPMI port) 1 RJ45 10 Gb/s Ethernet LAN Port (Marvell AQC113)
	Audio controller	7.1 CH HD Audio (Realtek® ALC888S)
Memory	Memory slot	8 DIMM slots (Quad channel)
	Memory type	Up to 128GB ECC DDR5 4800 MHz RDIMM
	Total Memory capacity	Up to 1TB
Expansion slots	PCIe	<ul style="list-style-type: none"> • 3 PCI-E 5.0 x16 slots • 1 PCI-E 4.0 x4 slot
	M.2	<ul style="list-style-type: none"> • 2 M.2 2280/22110 PCI-E 5.0 slots
I/O ports	Front I/O Ports	<ul style="list-style-type: none"> • 1 USB3.2 Gen2x1 Type-C Port • 2 USB3.2 Gen1 Type-A Ports • 2 audio Jacks (Headphone Out/MIC-in)
	Rear I/O Ports	<ul style="list-style-type: none"> • 1 VGA Port • 1 COM Port • 4 USB 3.2 Gen2x1 Type-A Ports • 1 USB3.2 Gen2x2 Type-C Port • 2 RJ45 Ports • 5x audio jacks (7.1 HD Audio)
Commercial features		<ul style="list-style-type: none"> • Intel® PTT • RAID support (via BIOS) • IPMI • TPM 2.0 Module (Optional) • Kensington lock slot • Enclosure Lock for Media Bay
Drive Bays	Media bay	<ul style="list-style-type: none"> • 2 x 5.25" slot : For ODD
	Storage bay	<ul style="list-style-type: none"> • 4 x 3.5" slots : For hard disks • 4 x 2.5" slots : For hard disks (optional)
Power supply		<ul style="list-style-type: none"> • 1200W Multiple output 24 pins, 80PLUS® Platinum PSU
Dimensions (D x W x H)		<ul style="list-style-type: none"> • 535 (D) x 193 (W) x 424 (H) mm (21.06 x 7.6 x 16.7 inches)
OS		<ul style="list-style-type: none"> • Microsoft® Windows 11 Pro 64-bit • Red Hat Linux 9.0
Regulatory Compliance		BSMI, CE, FCC, CB

1. Integrated SATA/PCIe RAID supports RAID 0, 1, 5, 10 on Windows® OS only.
2. Extended warranty services may vary by country. Please contact Altos for more information

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.

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