

AW2000h w/AW370h

The Acer AW2000h w/AW370h F3 provides first-class performance, innovative technology, high configurability, and comprehensive management features. The 2U rack-mountable form factor saves space and maximizes computing power while ensuring future-proof scale-out possibilities with four independent nodes and up to eight Intel® Xeon® processors. The AW2000h w/AW370h F3 is perfect for high-performance computing, clustered virtual environments, and cloud-use scenarios.

Highly efficient enterprise performance

The industry standard-setting design can accommodate up to four nodes, which can be a combination of the AW370h F3 or AW370hf F3 — each supporting up to two Intel® Xeon® E5-2600 v3/v4 series processors, eight DDR4 ECC RDIMMs/LRDIMMs, and up to three 3.5" (or four 2.5") SATA/SAS HDDs.

Maximized space and power savings

This 2U rack-optimized system offers four times the computing density per chassis with half the number of power supplies. The two 1600 W 80 PLUS® Platinum-level redundant power supplies yield big savings.

Simplified deployment, unified management

Each AW370h F3 compute node comes with an intuitive web-based interface for system management via the Intel® Remote Management Module.

Nodes

- Up to four AW370h F3 nodes with standard low-profile PCIe® 3.0 slot
- Up to four AW370hf F3 nodes with standard low-profile PCIe® 3.0 slot and FDR InfiniBand™ module





Mainboard	Processor type	Up to 2 x Intel® Xeon® processors E5-2600 v3/v4 series		
	Chipset	Intel® C612 chipset		
	Graphics	BMC embedded controller: <ul style="list-style-type: none">128 MB shared video memory, 16 MB dedicated		
	Memory	Up to 16 x DDR4 ECC 2133/2400 MHz RDIMM/LRDIMM Registered DIMM size: 8/16/32 GB <ul style="list-style-type: none">Up to 512 GB registered DDR4 memory capacity when fully populated		
	Expansion slots	1 x PCIe® 3.0 x16 slot, supporting low-profile/half-height PCIe® cards 1 x I/O module connector for management and interconnect modules		
	Onboard ports	Front: <ul style="list-style-type: none">LED indicators: power, HDD activity, LAN Rear: <ul style="list-style-type: none">2 x Gigabit LAN ports (RJ-45)<ul style="list-style-type: none">Management through port oneOptional Management port (RJ-45)System ID LED <ul style="list-style-type: none">Optional onboard FDR InfiniBand™ port¹2 x USB portsVideo portOptional 10 Gb Ethernet dual-port module		
	SAS RAID	Intel® RSTe RAID 0/1/10/5 for SATA mode Optional 12Gb SAS RAID module		
LAN controller	Dual-port Intel® I350 Ethernet controller			
Security and service features		Administrator/user password Setup password	Power-on password Device boot control	Optional TPM
Sub-system availability	Power supply	2 x 1600 W 80 PLUS® platinum-certified, easy-swap power supply units (hot-swappable, 1=1 redundant)		
	System cooling	High-power system fans		
Chassis	Storage	Up to 3 x 3.5" or 2.5" hot-swappable HDDs per node, or Up to 4 x 2.5" SAS/SATA hard drives per node		
	Form factor	2U rack optimized (4 nodes)		
	Dimensions	438 (W) x 771 (D) x 86.9 mm (H) (17.24 x 30.35 x 3.42 inches)		
OS support	Weight	38 kg (83.8 lbs.) maximum (all component slots and sockets fully populated)		
		Microsoft® Windows Server® 2012 R2 Microsoft® Windows Server® 2012 Microsoft® Windows Server® 2008 R2	SUSE® Linux® Enterprise Server 12 Red Hat® Enterprise Linux® 6/7 VMware ESXi™ 5.5	
	Server management utilities and applications	Optional iKVM module via Intel® Remote Management Module Acer Smart Server Manager		
Warranty	3-year standard warranty or choose extended warranties and services ²			
Regulatory compliance	Emissions classification (EMC)	FCC (Class A)	CE (Class A)	BSMI (Class A)
	Industry standard compliance / safety	MET	CB	

1. Onboard InfiniBand™ FDR support is available on the AW370hf F3 node .
2. Extended warranty services may vary by country. Please contact your Acer authorized reseller for more information.

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