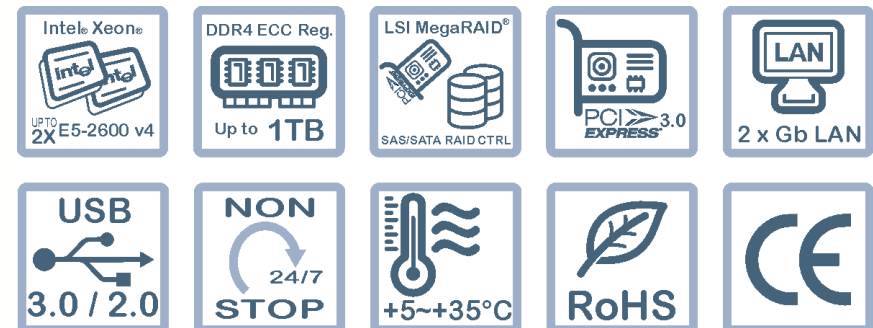


# Challenger C612

Rackmount Server



- ✓ Ideal server for small and medium-sized businesses.
- ✓ Dual sockets for Intel® Xeon® Processor E5-2600v4 Family
- ✓ Up to 1TB RAM
- ✓ Up to 6 internal HDD/SSD
- ✓ Up to 8 external Hot Swap 2.5" HDD/SSD
- ✓ Dual Intel® Gigabit LAN
- ✓ 80 Plus Bronze certified power supply



# Challenger C612

Rackmount Server



<b>System</b>	<b>Processor</b>	Dual sockets for Intel® Xeon® Processor E5-2600v4 Family
	<b>Chipset</b>	Intel® C612 Platform Controller Hub (PCH) chipset
	<b>Slot di espansione</b>	1 x PCI Express 2.0 x4 2 x PCI Express 3.0 x16* Only with second processor : 2 x PCI Express 3.0 x16 1 x PCI Express 3.0 x8
	<b>Note</b>	*One used for SAS RAID controller
<b>Memory</b>	<b>Max expansion.</b>	1TB
	<b>Type</b>	DDR4-1866/2133 ECC Registered DIMM
	<b>Slot</b>	16
	<b>Note</b>	System equipped with 4 memory channels per processor, each channel supports 2 ECC RDIMM modules. For maximum performance it's recommended to use 4 or 8 memory modules per processor. To guarantee maximum compatibility with the system, it's preferable to use identical memory modules.
<b>Front I/O interfaces</b>	<b>USB</b>	2 x USB 2.0
<b>Rear I/O interfaces</b>	<b>USB</b>	2 x USB 3.0 2 x USB 2.0
	<b>LAN</b>	3 x RJ45
	<b>Video</b>	1 x VGA D-Sub 15pin
<b>Internal I/O interfaces</b>	<b>USB</b>	1 x USB 2.0 type A 1 x Low profile eUSB SSD
	<b>Serial</b>	1 x 10pin RS232
	<b>Storage</b>	<b>SATA controller</b>
	<b>PCIe SAS controller</b>	LSI MegaRAID® SAS 9240-4i 6Gb/s SAS/SATA 4 x SAS/SATA - RAID 0, 1, 5, 10, 50, JBOD
	<b>HDD/SSD bay</b>	6 x Internal HDD/SSD SAS/SATA 2.5"/3.5" 4 x HotSwap HDD/SSD SAS/SATA 2.5"
	<b>ODD bay</b>	3 x External 5.25"
	<b>Other</b>	2 x External 3.5"
<b>Video subsystem</b>	<b>Integrated video adapter</b>	Integrated Graphics Core with 2D Hardware accelerator (16MB DDR3)
<b>Network interfaces</b>	<b>Integrated network adapter</b>	2 x 10/100/1000 (Intel® Server Adapter i350)
	<b>Management</b>	1 x BMC with IPMI 2.0 Optional KVM and media redirection with Intel® RMM4

<b>Power</b>	<b>Standard PSU</b>	500W ATX ACTIVE PFC, 85Plus Certified, AC INPUT:200-240V, 4A, 50-60Hz	
	<b>Chassis features</b>	<b>L x H x D</b>	210mm x 542mm x 545mm
	<b>Weight</b>	Estimate 19Kg for medium configuration	
	<b>Internal bay</b>	6 x 3.5"/2.5"	
	<b>External bay</b>	4 x 5.25" <sup>3/4</sup> 2 x 3.5"	
	<b>Hot-Swap 2.5"</b>	4 x 2.5" Hot-Swap HDD/SSD bay <sup>3</sup> 8 x 2.5" Hot-Swap HDD/SSD bay (optional) <sup>4</sup>	
	<b>Note</b>	<sup>3</sup> Standard solution, use 1 x bay 5.25" <sup>4</sup> Optional solution, alternative to the previous one, use 2 x bay 5.25"	
	<b>Colour</b>	Black	
<b>Software</b>	<b>Supported operating system</b>	Microsoft Windows Server 2016	
<b>Environment</b>	<b>Operating temp.</b>	From + 5°C to + 35°C	
	<b>Non operating temp.</b>	From -20°C to +70°C	
	<b>RH</b>	95% @ 30°C not cond.	
<b>Product certifications</b>	<b>Reference marks</b>	CE, RoHS	
	<b>Directive</b>	Built according to the European directive 2014/30/EU (EMCD), 2014/35/EU (LVD) and 2011/65/EU (RoHS)	
<b>Company certifications</b>	<b>Reference standards</b>	UNI EN ISO 9001	
<b>Product code (base)</b>	<b>CNT598N3IN0</b>	CHALLENGER Dual Xeon E5-2600 series, Intel C612, DDR4, 2xGb Lan+SAS Raid	



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azienda con sistema di gestione per la qualità certificato

**ISO 9001:2008**

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