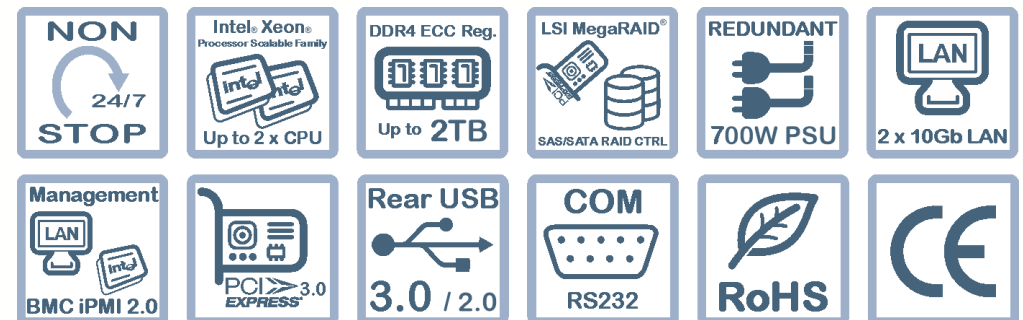


# Challenger-R2 C624

Rackmount & tower server



- ✓ Ideal server for small and medium-sized businesses.
- ✓ Dual sockets for 1st & 2nd Gen. Intel® Xeon® Processor Scalable Family (Platinum, Gold, Silver & Bronze)
- ✓ Up to 2TB ECC Registered RAM
- ✓ Up to 8 internal HDD/SSD
- ✓ Dual Intel® 10 Gigabit LAN
- ✓ Integrated Baseboard Management Controller



# Challenger-R2 C624

Rackmount & tower server



<b>System</b>	<b>Processor</b>	Dual sockets for 1 <sup>st</sup> & 2 <sup>nd</sup> Gen. Intel® Xeon® Processor Scalable Family (Platinum, Gold, Silver & Bronze)	
	<b>Chipset</b>	Intel® C624	
	<b>Slot di espansione</b>	1 x PCI Express 3.0 x16* 1 x PCI Express 3.0 x8* Only with second processor : 2 x PCI Express 3.0 x16 2 x PCI Express 3.0 x8	
	<b>Note</b>	*One used for SAS RAID controller	
<b>Memory</b>	<b>Max expansion.</b>	1TB with RDIMM & 2 <sup>nd</sup> Gen. Intel® Xeon® Processor Scalable Family 2TB with LRDIMM & 2 <sup>nd</sup> Gen. Intel® Xeon® Processor Scalable Family	
	<b>Type</b>	DDR4-2933 ECC Registered DIMM	
	<b>Slot</b>	16	
	<b>Note</b>	System equipped with 6 memory channels for each processor, 2 channel supports 2 ECC RDIMM modules (2-1-1 topology). For maximum performance it's recommended to use 6 memory modules per processor. To guarantee maximum compatibility with the system use the same configuration for each processor. 5 or 7 DIMM configuration for each processor are not recommended.	
<b>Front I/O interfaces</b>	<b>USB</b>	2 x USB 3.0 2 x USB 2.0 (Disabled / Only predisposition)	
	<b>Audio</b>	2 x Jack 3.5mm (Disabled / Only predisposition)	
<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>Internal I/O interfaces</b>	<b>Video</b>	1 x VGA D-Sub 15pin	
	<b>USB</b>	1 x USB 3.0 type A	
<b>Storage</b>	<b>Serial</b>	1 x 10pin RS232 (optional rear/external DB9 kit)	
	<b>SATA controller</b>	2 x SATA3 6.0 Gb/s 2 x M.2 SATA3 6.0 Gb/s / PCIe 2 x mini-SAS HD : Up to 8 x SATA3 6.0 Gb/s Intel® VROC RAID 0, 1, 10	
	<b>PCIe SAS controller *can be optional</b>	LSI MegaRAID® SAS 9361-4i 12Gb/s SAS/SATA RAID 0, 1, 5, 10, 50, JBOD 4 Port SAS/SATA (optional 8port) 1GB 1866MHz DDRIII SDRAM Optional: CacheVault Flash Cache Protection Module	
	<b>HDD/SSD bay</b>	4 x 3.5" (can be 2.5" with optional adapter) 4 x 2.5"	
	<b>ODD bay</b>	2 x External 5.25"	
	<b>Other</b>	1 x External 3.5"	
	<b>Note</b>	*Optional in "Challenger-R2 SATA" configuration	
	<b>Video subsystem</b>	<b>Integrated video adapter</b>	Integrated Graphics Core with 2D Hardware accelerator (16MB DDR4)
	<b>Network interfaces</b>	<b>Integrated network adapter</b>	2 x 10Gb (Intel® Server Adapter X557-AT2)
		<b>Management</b>	1 x BMC IPMI 2.0 compliant Optional KVM and media redirection with Intel® RMM4 Lite

<b>Power</b>	<b>Standard PSU</b>	900W ATX Active PFC, 80Plus Gold, AC INPUT:100-240V, 50-60Hz
	<b>Chassis features</b>	<b>L x H x D</b> <b>Weight</b> <b>Internal bay</b> <b>External bay</b> <b>Colour</b> <b>Placing</b>
<b>Software</b>	<b>Supported operating system</b>	193mm x 424mm x 525mm Estimate 19Kg for medium configuration 4 x 3.5" (can be 2.5" with optional adapter) 4 x 2.5" 2 x 5.25" 1 x 3.5" Black Tower/Desktop
	<b>Environment</b>	Microsoft Windows Server 2019
<b>Product certifications</b>	<b>Operating temp.</b> <b>Non operating temp.</b> <b>RH</b>	From + 5°C to + 35°C From -20°C to +70°C 90% @ 30°C not cond.
	<b>Reference marks</b>	CE, RoHS
<b>Company certifications</b>	<b>Directive</b>	Built according to the European directive 2014/30/EU (EMCD), 2014/35/EU (LVD) and 2011/65/EU (RoHS)
	<b>Reference standards</b>	UNI EN ISO 9001
<b>Product code (base)</b>	<b>CNT7AGNCIN0</b>	CHALLENGER-R2 Dual Xeon Gold/Silver/Bronze, Intel C624, 2xGb Lan
	Doc ref.	ZST-4292-00000110-00



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