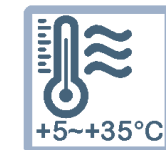
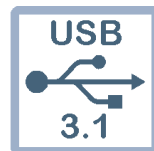
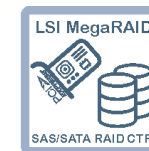
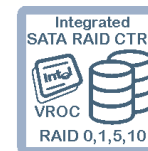
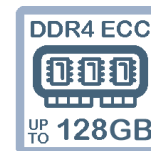


Challenger-R2 C246

Rackmount & tower server



- ✓ Ideal server for small sized businesses.
- ✓ Intel® Xeon® E Processor
- ✓ Up to 128GB DDR4 ECC RAM
- ✓ Support for PCI Express 3.0 cards
- ✓ Built-in Intel® VROC RAID 6-channel SATA Controller, up to 6Gb/s
- ✓ Optional PCIe RAID controller Broadcom (LSI) MegaRAID® SAS/SATA
- ✓ Up to 8 internal HDD/SSD
- ✓ 4 Intel® Gigabit LAN
- ✓ 1 Intel® Gigabit LAN dedicated for management, IPMI 2.0 compliant



Challenger-R2 C246

Rackmount & tower server



System	Processor	Socket LGA 1151 Intel® Xeon® E-2xxx Processor TDP up to 95W	
	Chipset	Intel® C246	
	Expansion slots*	1 x PCI Express 3.0 x8 (mechanical x16) 1 x PCI Express 3.0 x8 (mechanical x8) 1 x PCI Express 3.0 x4 (mechanical x8)	
	Note	*One used, when SAS RAID controller is present	
Memory	Max exp.	128GB	
	Type	DDR4- 2666 UDIMM ECC 288pin 4GB, 8GB, 16GB, 32GB	
	Slots	4	
Front I/O interfaces	USB	2 x USB 3.1 Gen.1 2 x USB 2.0 (Disabled / Only predisposition)	
	Audio	2 x Jack 3.5mm (Disabled / Only predisposition)	
Rear I/O interfaces	Serial	2 x RS232 (optional)	
	LPT	N/A	
	USB	4 x USB 3.1 Gen.2 Type A	
	Audio	N/A	
	LAN	5 x RJ45	
	Video	1 x VGA DB15 2 x DP (Display Port)	
Storage	SATA controller	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	
	PCIe SAS controller *can be optional	LSI MegaRAID® SAS 12Gb/s SAS/SATA **4 or 8 channels, RAID 0, 1, 5, 10, 50, JBOD Optional: CacheVault Flash Cache Protection Module	
	HDD/SSD bay	4 x 3.5" (can be 2.5" with optional adapter) 4 x 2.5"	
	ODD bay	2 x External 5.25"	
	Other	1 x External 3.5"	
	Note	*Optional in "Challenger-R2 SATA" configuration **See web configurator for available options.	
	Video subsystem	Integrated video interfaces	Integrated 2D video controller 16MB DDR4 video memory
	Management	Server management	Integrated BMC, IPMI 2.0 compliant Dedicated lan port Shared management interface
		Security	Optional TPM module
	Network interfaces	Integrated network controller	4 x 10/100/1000 Intel® GbE LAN
Management		1 x 10/100/1000 Intel® GbE LAN	

Power	Standard PSU	900W ATX Active PFC, 80Plus Gold, AC INPUT:100-240V, 50-60Hz
Chassis features	L x H x D	193mm x 424mm x 525mm
	Weight	Estimate 19Kg for medium configuration
	Internal bay	4 x 3.5" (can be 2.5" with optional adapter) 4 x 2.5"
	External bay	2 x 5.25" 1 x 3.5"
Software	Colour	Black
	Placing	Tower/Desktop
	Supported operating system	Microsoft Windows Server 2019
Environment	Operating temp.	From + 5°C to + 35°C
	Non operating temp.	From -20°C to +70°C
	RH	90% @ 30°C not cond.
Product certifications	Reference marks	CE, RoHS
	Directive	Built according to the European directive 2014/30/EU (EMCD), 2014/35/EU (LVD) and 2011/65/EU (RoHS)
Company certifications	Reference standards	UNI EN ISO 9001
Product code (base)	CNT7AGNFINO	CHALLENGER-R2 Mono Xeon E-2000 series, Intel C246, 4xGb Lan+SATA3 6Gb/s Raid
	Doc ref.	ZST-4292-00000111-01





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