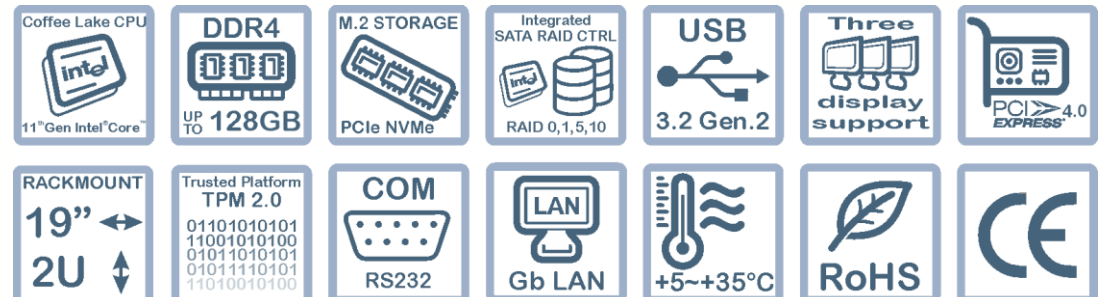


# CORA 2000 Z590

Rackmount Pc



- ✓ Ideal in all home & office contexts
- ✓ 11<sup>th</sup> generation Intel® Core™ processor
- ✓ Up to 128GB DDR4-3200 U-DIMM
- ✓ Intel® HD graphics with up to 3 simultaneous displays
- ✓ Support for dedicated PCI Express 4.0 x16 video cards
- ✓ Ultra-Fast M.2 with PCIe 4.0 x4 & SATA interface
- ✓ Built-in High Definition Audio 2/4/5.1/7.1-channel
- ✓ RAID
- ✓ Trusted Platform Module Ready



# CORA 2000 Z590

Rackmount Pc



<b>System</b>	<b>Processor</b>	Socket LGA 1200 Intel® Core™ 11 <sup>th</sup> & 10 <sup>th</sup> gen. Intel® Core™ i9 / i7 / i5 / i3 / Pentium	
	<b>Chipset</b>	Intel® Z590 Express Chipset	
	<b>BIOS</b>	1 x 256 Mb AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0	
	<b>Expansion slots</b>	1 x PCI Express 4.0 x16 1 x PCI Express 3.0 x4 (mechanical x16) 1 x PCI Express 3.0 x1	
<b>Memory</b>	<b>Max exp.</b>	128GB	
	<b>Type</b>	DDR4- 3200/2933/2666/2400/2133 UDIMM 288pin 4GB, 8GB, 16GB, 32GB	
	<b>Slots</b>	4	
<b>Front I/O Interfaces</b>	<b>USB</b>	2 x USB 2.0	
<b>Back I/O interfaces</b>	<b>Serial</b>	1 x RS232 (optional)	
	<b>LPT</b>	N/A	
	<b>USB</b>		1 x USB 3.2 Gen.2 Type A 4 x USB 3.2 Gen.1 Type A 1 x USB 3.2 Gen.1 Type-C® 1 x USB 2.0 (*optional)
		<b>Keyboard/Mouse</b>	1 x PS/2
		<b>Audio</b>	3 x Jack 3.5mm (Line In, Line Out, Mic In)
		<b>LAN</b>	1 x RJ45
	<b>Video</b>	1 x DVI-D 1 x HDMI 1 x DisplayPort	
<b>Storage</b>	<b>Integrated SATA ctrl</b>	6 x SATA 3 6Gb/s 1 x <sup>1</sup> M.2 (Socket 3, M key, 2260/2280 PCIe 4.0 x4x2) 1 x M.2 (Socket 3, M key, 2260/2280/22110 SATA & PCIe 3.0 x4x2) Support for RAID 0, 5, 10 Intel® Optane™ Memory Ready	
	<b>Card Reader</b>	*Optional	
	<b>HDD/SSD bay</b>	2 x *HDD/SSD SATA 2.5" or 3.5"	
	<b>ODD bay</b>	1 x *DVD +R+RW-R-RW	
	<b>Note</b>	<sup>1</sup> Supported by 11 <sup>th</sup> Generation processors only * Check the installed basic model and the available options on the web configurator	
	<b>Graphics subsystem</b>	<b>Integrated video interfaces</b>	Intel® HD Graphics (depends on the CPU model) Max shared memory: 512MB
<b>Max resolution</b>		DVI-D: 1920x1200@60Hz HDMI 1.4: 4096x2160@30Hz (HDCP 2.3 support) DP 1.2: 4096x2304@60Hz (HDCP 2.3 support)	
<b>Multidisplay</b>		Max 3 contemporary active displays	
<b>Audio subsystem</b>	<b>Integrated audio Channel</b>	Intel® HD Audio (codec Realtek®) 2 / 4 / 5.1 / 7.1	

<b>Network subsystem</b>	<b>Integrated network controller</b>	1 x 10/100/1000 Intel® GbE LAN
<b>Security</b>	<b>Trusted Platform Module</b>	Optional TPM2.0 module
<b>Power</b>	<b>Standard PSU</b>	350W ATX ACTIVE PFC (85+) AC INPUT 90-265V,4-2A,47-63Hz
<b>Mechanical features</b>	<b>L x A x P</b>	483mm x 89mm (2U) x 576mm
	<b>Weight</b>	15 Kg for medium configuration
	<b>Internal bay</b>	2 x 3" ½ unit or 2" ½ unit
	<b>External bay</b>	1 x 5" ¼ unit 1 x 3" ½ unit
	<b>Colour</b>	Black
<b>Software</b>	<b>Supported operating system</b>	Microsoft Windows 10 64bit
<b>Environment</b>	<b>Operating temp.</b>	From +5°C to +35°C
	<b>Non op. temp.</b>	From -20°C to +70°C
	<b>RH</b>	95% @ 30°C non cond.
<b>Product certifications</b>	<b>Reference marks</b>	CE, RoHS
	<b>Directives</b>	Built according to European Directive 2014/30/EU (EMCD), 2014/35/EU (LVD) & 2011/65/EU 2015/863/EU (RoHS III)
<b>Company</b>	<b>Reference standard</b>	UNI EN ISO 9001
<b>Product code</b>	<b>CNI8AENLINO</b>	CORA 2000 Intel Z590, Gb Lan+SATA3, RAID, USB 2.0/3.0 Doc ref. ZST-4292-00000144-00



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