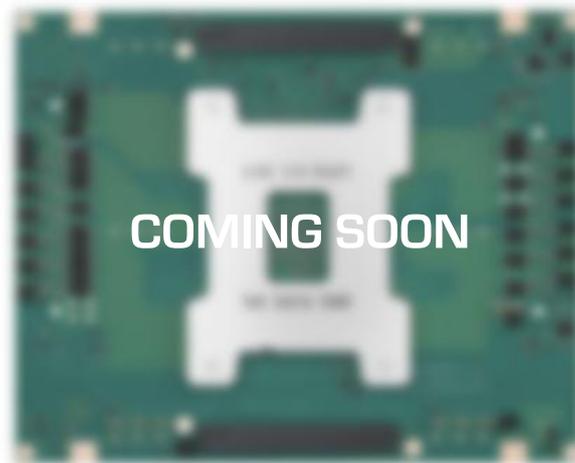


SNA9HE

AMD EPYC™ 8004 Processor
COM HPC® Server Size E



Front View



Bottom View

KEY FEATURES



**AMD EPYC
8004 Processor**

Up to 64 cores



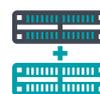
DDR5

Up to 6 channels
DDR5 4800 RDIMM



2.5GbE

1x 2.5GbE



**Multiple
Expansion**

Up to 79 PCIe Lanes



RICH I/O

4 USB 3.2, 4 USB 2.0,
2 SATA 3.0

SPECIFICATION

SYSTEM	Processor	AMD EPYC™ 8004 Processors AMD EPYC™ 8534P (64 cores, up to 3.1GHz, 128MB cache, 200W) AMD EPYC™ 8324P (32 cores, up to 3.0GHz, 128MB cache, 180W) AMD EPYC™ 8124P (16 cores, up to 3.0GHz, 64MB cache, 125W)
	Memory	6 channels DDR5-4800 RDIMM up to 576GB (ECC or non-ECC)
EXPANSION	Interface	4 x PCIe16, 64 Lanes (Gen 5) + 1 x PCIe x8, 8 Lanes (Gen 5) 6 x PCIe1, 6 Lanes (Gen 3) 1 x PCIe1, Gen3 for BMC 1 x eSPI 2 x I2C 1 x SPI 2 x UART(TX/RX) 1 x SMBus 2 x SmartFAN
	ETHERNET	Phy 1 x Intel® I226 series 10/100/1000/2500Mbps GbE
I/O	USB	4 x USB 3.2 Gen 2x1 4 x USB 2.0
	SATA	2 x SATA 3.0 (up to 6Gb/s)
	GPIO	12 x GPIO
WATCHDOG TIMER	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds
SECURITY	TPM	TPM 2.0
POWER	Type	ATX: Vin, VSB, VCC_RTC AT: Vin, VCC_RTC Vin: 12V(+/-5%), VSB: 5V(+/-5%)
	Consumption	TBD
OS SUPPORT	Microsoft	Windows Server 2024
	Linux	Ubuntu
ENVIRONMENT	Temperature	Operating: 0 to 50°C Storage: -40 to 80°C
	Humidity	Operating: 5 to 90% RH Storage: 5 to 90% RH
	MTBF	TBD
MECHANICAL	Dimensions	COM HPC® Server Size E 160mm (6.30") x 200mm (7.87")
	Compliance	PICMG COM HPC® R1.2, Server Size E
STANDARDS AND CERTIFICATIONS	Certification	CE, FCC Class B, RoHS