

# SNA610

Desktop

AMD EPYC™ 8004 processors  
ATX



Top View

## KEY FEATURES



### DDR5

6 DDR5 ECC-RDIMM up to 576GB



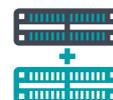
### 4K High Resolution

Supports 4K resolution



### Support IPMI/Redfish

OOB Remote Management



### Multiple Expansion

3 PCIe x16 (Gen5),  
3 PCIe x8 (Gen5),  
1 PCIe x4 (Gen5),  
2 M.2 M key 2280



### Rich I/O

2 GbE + 2 10GbE,  
1 Dedicated IPMI LAN,  
6 USB 3.2 Gen1,  
2 USB 2.0, 2 COM,  
1 Vertical USB 2.0

## SPECIFICATION

SYSTEM	Processor	AMD EPYC™ 8004 processors LGA4844, TDP upto 225W: AMD EPYC™ 8534P (64 cores, up to 3.1GHz); 200W AMD EPYC™ 8434P (48 cores, up to 3.1GHz); 200W AMD EPYC™ 8324P (32 cores, up to 3.0GHz); 180W AMD EPYC™ 8224P (24 cores, up to 3.0GHz); 160W AMD EPYC™ 8124P (16 cores, up to 3.0GHz); 125W
	Memory	6 x ECC-RDIMM up to 576GB DDR5 Max. 4800MHz
	BIOS	Insyde
GRAPHICS	Controller	BMC AST2600
	Display	1 x DP
	Single Display	DP
EXPANSION	Interface	3 x PCIe x16 (Gen5) 3 x PCIe x8 (Gen5) 1 x PCIe x4 (Gen5) 2 x M.2 M key 2280
AUDIO	Audio Codec	HS-100B
ETHERNET	Controller	1 x Intel® I210AT + 1 x Intel® I226LM + 2 x Intel® E610-XAT2 IPMI: RTL8211F
REAR I/O	Ethernet	2 x GbE + 2 x 10GbE 1 x Dedicated IPMI LAN
	USB	4 x USB 3.2 Gen1
	Display	1 x DP
	Serial	1 x RS-232/422/485 (DB-9)
INTERNAL I/O	Serial	1 x RS-232/422/485
	USB	2 x USB 3.2 Gen1 2 x USB 2.0 1 x Vertical USB 2.0
	Audio	1 x Front Audio
	SATA	4 x SATA 3.0 RAID 0/1/5/10
	MCIO	1 MCIO(Pcie x8)
	DIO	16-bit DIO
	SMBus	1 x SMBus
SECURITY	TPM	TPM 2.0
POWER	Type	ATX
ENVIRONMENT	Temperature	Operating: 0 to 60°C
	Humidity	<b>Operating:</b> 5 to 95% RH <b>Storage:</b> 5 to 95% RH
	MTBF	TBD
MECHANISM	Dimensions	ATX Form Factor 305mm (12") x 244mm (9.6")
	Height	PCB: TBD Top Side: TBD Bottom Side: TBD

## PACKING LIST

• SNA610 Motherboard	770-SNA6101-000G
• 2 M.2 screw	A32-112016-041G
• 2 M.2 standoff	A33-725019-090G
• 1 IO Shield	
• 1 Serial ATA data cable (Length: 500mm)	332-553001-005G