

## SINGLE-SOCKET ATX SERVER PLATFORM



# S5530

S5530WGM5NR-LE-2T



■ Intel® C222 Chipset

### Low-cost single server storage and virtualization

- Single LGA1155 socket supports (1) Intel® Xeon® E3-1200 v3 & 4th Gen. Core i3 series processors
- Intel® Lynx Point C222
- (4) 240-pin DDR3 DIMM slots support up to 32GB U-DDR3 1600/1333/1066 w/ECC
- (1) PCI-E Gen2 x4
- (4) SATA ports running at 3.0 Gb/s
- (2) SATA ports running at 6.0 Gb/s
- (8) SATA/SAS ports by (2) mini-SAS connectors running at 6.0Gb/s
- (2) GbE RJ45 (via Intel® I210)
- (2) 10 GbE SFP+ (Via Broadcom 57810S) (-2T SKU)
- (1) GbE PHY (via Intel® I217 dedicated for IPMI) (S5530WGM5NR-LE-2T SKU)
- ATX (12" x 9.6", 305mm x 243.8mm)

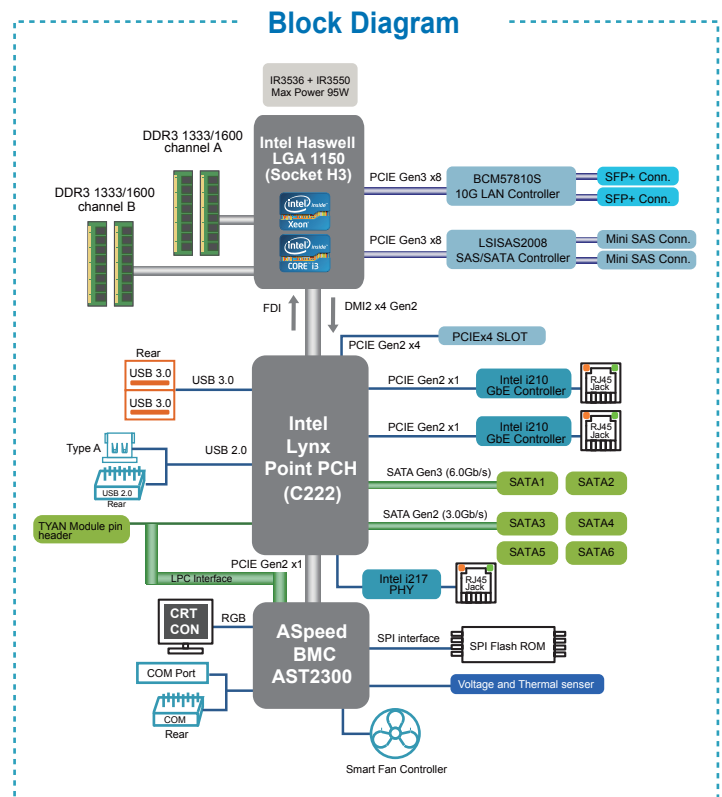


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# TYAN Specifications

Processor	Supported CPU Series	Intel® Xeon® E3-1200 v3 & 4th Gen. Core i3 series processors	
	Socket Type / Q'ty	LGA 1150/ (1)	
	Thermal Design Power (TDP) wattage	Max up to 95W	
Chipset	Chipset / PCH	Intel® C222	
	Super I/O	-	
Memory	Supported DIMM Qty	(4) DIMM slots	
	DIMM Type / Speed	Unbuffered ECC DDR3 1600/1333/1066	
	Capacity	Up to 32GB	
	Memory channel	2 Channels	
	Memory voltage	1.35V	
Expansion Slots	PCI-E	(1) PCI-E Gen2 x4 slot	
	Recommended TYAN Chassis	KGT20 / KGT62A	
LAN	Port Q'ty	(2) GbE (1 port shared with IPMI)	
	Controller	Intel® I210	
	Connector type	RJ45	
10GbE LAN	Port Q'ty	(2) 10GbE (-2T SKU)	
	Controller	Broadcom® 57810S	
PHY	Port Q'ty	(1) GbE ports	
	Controller	Intel® I217	
	Connector type	RJ45	
Storage	SAS	Connector	(8) SAS
		Controller	LSI SAS2008
		Speed	6.0 Gb/s (2x mini-SAS connectors)
	SATA	RAID	RAID 0/1/1E/10 (LSI® Integrated RAID)
		Connector	(6) SATA
		Controller	Intel® C222
Graphic	Speed	(2) 6.0 Gb/s(blue color) (4) 3.0 Gb/s(black color)	
	RAID	RAID 0/1/10/5 (Intel® RST)	
	Connector type	D-Sub 15-pin	
Audio	Chipset	Aspeed AST2300	
	Version	-	
Input /Output	USB	(2) USB3.0 ports (2 at rear)+(3) USB2.0 ports (2 via cable, Type-A)	
	COM	(1) port (at rear) , (1) header	
	Audio	-	
	VGA	(1) D-Sub 15-pin VGA port	
	DVI	-	
	Display Port	-	
	Power	SSI 24-pin + 4-pin power connectors	
	RJ-45	(3) GbE ports (1) port shared with IPMI	
	SAS	(2) Mini-SAS (4-in-1) connectors	
	Front Panel	(1) 2x12-pin SSI front panel header	
	SATA	(4) SATA-II and (2) SATA-III connectors	
	SFP+	(2) 10GbE Ports (-2T SKU)	
System Monitoring	Chipset	Onboard Aspeed AST2300	
	Voltage	Monitors voltage for CPU, memory, chipset & power supply	
	Fan	Total (5) 4-pin headers	
	Temperature	Monitors temperature for CPU & system environment	



Server Management	Onboard Chipset	Onboard Aspeed AST2300
	AST2300 IPMI Feature	IPMI 2.0 compliant baseboard management controller (BMC) Supports storage over IP and remote platform-flash USB 2.0 virtual hub
	AST2300 iKVM Feature	24-bit high quality video compression 10/100 Mb/s MAC interface
BIOS	Brand / ROM size	AMI / 16MB
	Feature	Plug and Play (PnP) /PCI2.3 /WfM2.0 /SMBIOS2.3 /PXE boot / ACPI 2.0 power management /Power on mode after power recovery / User-configurable H/W monitoring / Auto-configurable of hard disk types
Form Factor	Form Factor	ATX
	Board Dimension	12"x9.6" (305x243.8mm)
Operating System	OS supported list	Please refer to our Intel OS supported list.
Regulation	FCC (DoC)	Class A
	CE (DoC)	Yes
Operating Environment	Operating Temp.	10° C ~ 35° C (50° F~ 95° F)
	Non-operating Temp.	- 40° C ~ 70° C (-40° F ~ 158° F)
RoHS	In/Non-operating Humidity	90%, non-condensing at 35° C Non-operating Relative Humidity: 10% to 95% (non-condensing)
	RoHS 6/6 Compliant	Yes

(Specifications are subject to change without notice. Items pictured may only be representative.)

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