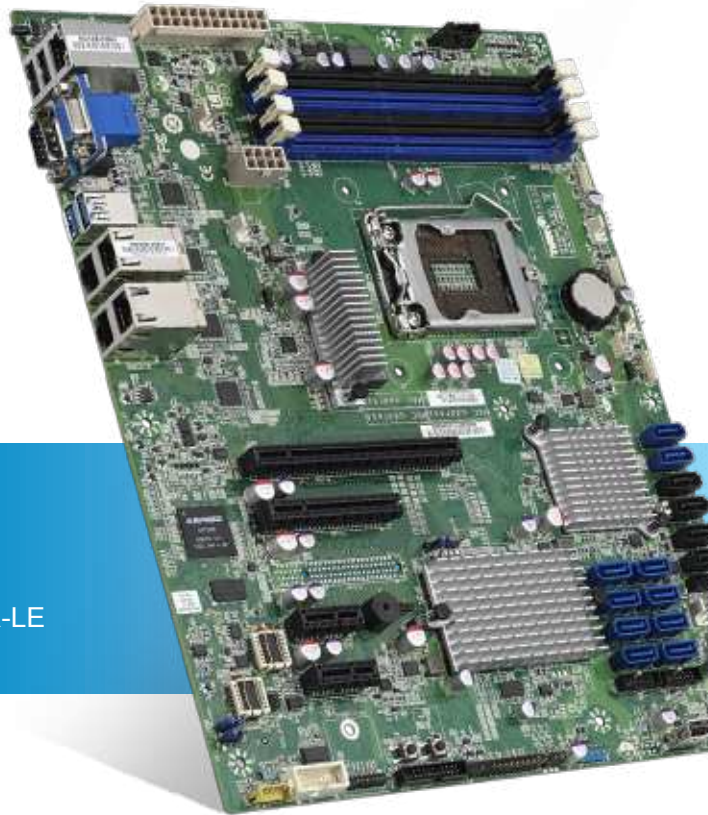


SINGLE SOCKET ATX SERVER/ PLATFORM



S5532

S5532WGM4NR-LE / S5532WGM2NR-LE / S5532GM2NR-LE
S5532GM4NR-LE / S5532G2NR-LE



■ Intel® C222 Chipset

High-end single server storage and virtualization

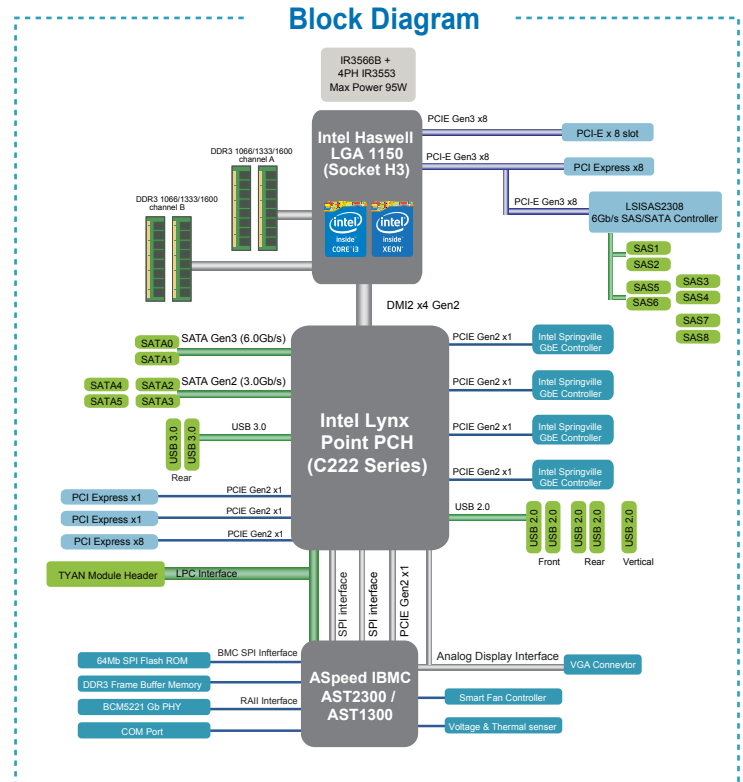
- Single LGA1150 socket support (1) Intel® Xeon® E3-1200 v3 & 4th Gen. Core i3 series processors
- Intel® C222
- (4) 240-pin DDR3 DIMM slots support up to 32GB unbuffered ECC DDR3 1600/1333/1066
- (1) PCI-E Gen.3 x16 slot (w/ x8 link)
(1) PCI-E Gen.3 x8 slot (w/o -W SKU)
(1) PCI-E Gen.2 x8 slot (w/ x1 link)
(2) PCI-E Gen.2 x4 slot (w/ x1 link)
- (8) SAS connectors running at 6.0 Gb/s w/RAID 0/1/1E/10 (LSI Integrated RAID) (w/ -W SKU)
- (4) SATA-II connectors running at 3.0 Gb/s + (2) SATA-III connectors running at 6.0Gb/s w/RAID 0/1/10/5 (Intel RST)
- (4) GbE (via Intel® I210) + (1) PHY (via Broadcom® BCM5221) (S5532WGM4NR-LE/S5532GM4NR-LE)
(2) GbE (via Intel® I210) + (1) PHY (via Broadcom® BCM5221) (S5532WGM2NR-LE/S5532GM2NR-LE)
(2) GbE (via Intel® I210) (S5532G2NR-LE)
- ATX 12" x 9.6" (305 x 243.5mm)

S5532

S5532WGM4NR-LE / S5532WGM2NR-LE / S5532GM2NR-LE
S5532GM4NR-LE / S5532G2NR-LE

TYAN Specifications

Processor	Supported CPU Series	Intel® Xeon® E3-1200 v3, i3 (22nm/Haswell) series processors	
	Socket Type / Qty	LGA 1150/ (1)	
	Thermal Design Power (TDP) wattage	Max up to 95W	
Chipset	PCH / PCI-E Switch	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 voltage	1.5V	
Expansion Slots	PCI-E	(1) PCI-E Gen.3 x16 slot (w/ x8 link) (1) PCI-E Gen.3 x8 slot (w/o -W SKU) (1) PCI-E Gen.2 x8 slot (w/ x1 link) (2) PCI-E Gen.2 x4 slot (w/ x1 link)	
	PCI	-	
LAN	Port Q'ty	(4) GbE ports (S5532WGM4NR-LE/S5532GM4NR-LE) (2) GbE ports (S5532WGM2NR-LE/S5532GM2NR-LE/S5532G2NR-LE)	
	Controller	Intel® I210	
	PHY	(1) dedicated for IPMI (w/o S5532G2NR-LE)	
	Controller	Broadcom® BCM5221	
Storage	SAS (opt.)	Connector	(8) SAS connectors
		Controller	LSI SAS2308
		Speed	6.0 Gb/s
	SATA	Connector	(6) SATA
		Controller	Intel® C222
		Speed	(2) 6.0 Gb/s (blue color); (4) 3.0 Gb/s (mini-SAS connectors)
RAID	RAID 0/1/10/5 (Intel® RST)		
Graphic	Connector type	D-Sub 15-pin	
	Chipset	Aspeed AST2300 Aspeed AST1300 (S5532G2NR-LE)	
Audio	Chipset	-	
	Version	-	
Input /Output	USB	(2) USB3.0 ports (at rear) / (5) USB2.0 ports (1 stack-up ports, 1 type A header, 2 via cable)	
	COM	(1) DB-9 COM Connector (at rear, COM1) + (1) Header (COM2)	
	Audio	-	
	VGA	(1) D-Sub 15-pin VGA port	
	DVI	-	
	Display Port	-	
	RJ-45	(4) GbE + (1) Dedicated for IPMI (S5532WGM4NR-LE/S5532GM4NR-LE) (2) GbE + (1) Dedicated for IPMI (S5532WGM2NR-LE/S5532GM2NR-LE) (2) GbE (S5532G2NR-LE)	
	SAS	(8) SAS connectors (w/ -W SKU)	
	Front Panel	(1) 2x12-pin SSI front panel header	
	SATA	(4) SATA-II and (2) SATA-III connectors	
System Monitoring	Chipset	Aspeed AST2300 Aspeed AST1300 (S5532G2NR-LE)	
	Voltage	Monitors voltage for CPU, memory, chipset & power supply	



System Monitoring	Fan	Total (4) 4-pin headers
	Temperature	Monitors temperature for CPU & system environment
Server Management (w/o S5532G2NR-LE)	Onboard Chipset	Onboard Aspeed AST2300
	AST2300 IPMI Feature	<ul style="list-style-type: none"> 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 / User-configurable H/W monitoring / Auto-configurable of hard disk types / ACPI 3.0/ACPI sleeping states S3, S4, S5
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)
	In/Non-operating Humidity	90%, non-condensing at 35° C Non-operating Relative Humidity: 10% to 95% (non-condensing)
RoHS	RoHS 6/6 Compliant	Yes

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

MITAC INTERNATIONAL CORP.
TYAN Business Unit

USA
Tel: +1-510-651-8868
Fax: +1-510-651-7688

Taiwan
Tel: +886-2-2652-5888
Fax: +886-2-2652-5805

Japan
Tel: +81-3-3769-8311
Fax: +81-3-3769-8328

Europe
Sales: +32 2456 1721
Technical Support: +32 2456 1722

China
Shanghai Tel: +86-21-61431188 Ext 1366
China Tel: +86-010-62555015 Ext 8302