

SINGLE-SOCKET SERVER PLATFORM

S5533

S5533GM2NR-LE



■ Intel® C222 Chipset

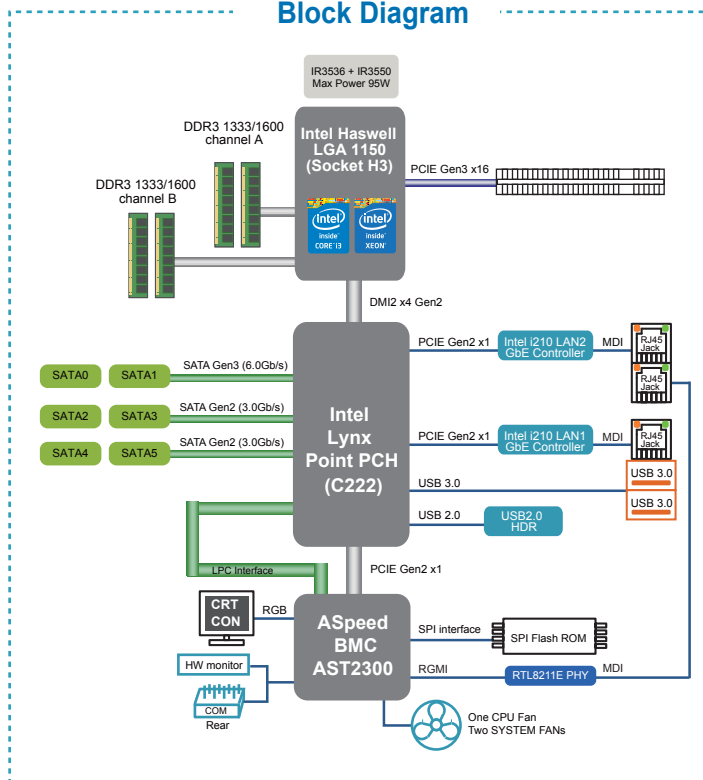
Single-socket Server Platform

- Single LGA1150 socket support (1) Intel® Xeon® E3-1200 v3, i3 (22nm/Haswell) series processors
- Intel® C222
- (2) 240-pin DDR3 DIMM slots support up to 32GB unbuffered ECC DDR3 1600/1333/1066
- (1) PCI-E Gen3 x16 slots
- (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)
- (2) GbE (via Intel® I210)
- (1) PHY (via Realtek® RTL 8211EL)
- Mini-ITX 6.69" x 6.69" (170 x 170mm)

S5533GM2NR-LE

Processor	Supported CPU Series		Intel Xeon® E3-1200 v3, i3 (22nm/Haswell) series processors
	Socket Type / Q'ty		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		(2) DIMM slots
	DIMM Type / Speed		Unbuffered ECC DDR3 1600/1333/1066
	Capacity		Up to 32GB
Expansion Slots	Memory voltage		1.5V
	PCI-E		(1) PCI-E Gen3 x16 slots
LAN	PCI		-
	Port Q'ty		(2) GbE ports
	Controller		Intel® I210
Storage	PHY		(1) dedicated for IPMI
	Controller		Realtek® RTL 8211EL
	SAS (opt.)	Connector	-
		Controller	-
Speed		-	
RAID		-	
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
Audio	Chipset		-
	Version		-
Input /Output	USB		(2) USB3.0 ports (at rear) / (2) USB 2.0 ports (via cable)
	COM		(1) header
	Audio		-
	VGA		(1) D-Sub 15-pin VGA port
	DVI		-
	Display Port		-
	RJ-45		(2) GbE + (1) Dedicated for IPMI
	SAS		-
	Front Panel		(1) 2x12-pin SSI front panel header
System Monitoring	SATA		(4) SATA-II and (2) SATA-III connectors
	Chipset		Aspeed AST2300
	Voltage		Monitors v oltage for CPU, memory , chipset & power supply
	Fan		Total (3) 4-pin headers
Server Management	Temperature		Monitors temperature for CPU & system env ironment
	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

Block Diagram



Server Management	AST2300 iKVM Feature	24-bit high quality video compression 10/100 Mb/s MAC interface
BIOS	Brand / ROM size	AMI / 16MB
	Feature	User-configurable H/W monitoring / Auto-configurable of hard disk types / SMBIOS 2.7/PnP/Wake on LAN / PXE boot support / ACPI 3.0/ACPI sleeping states S3,S4,S5
Form Factor	Form Factor	Mini-ITX
	Board Dimension	6.69" x 6.69" (170 x 170mm)
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 Complaint	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