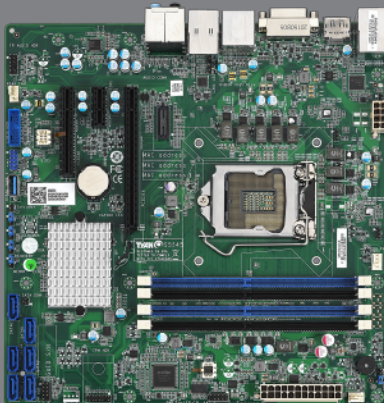
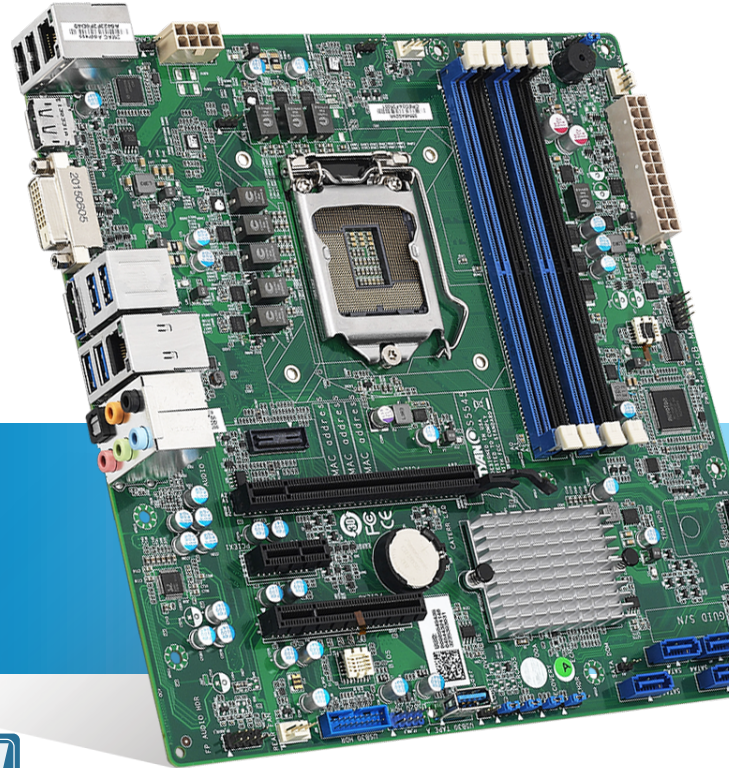


SINGLE-SOCKET SERVER/ WORKATION PLATFORM

S5545

S5545AG2NR / S5545AG2NR-HE



- Intel® Q170 Chipset
- Intel® C236 Chipset (-HE SKU)

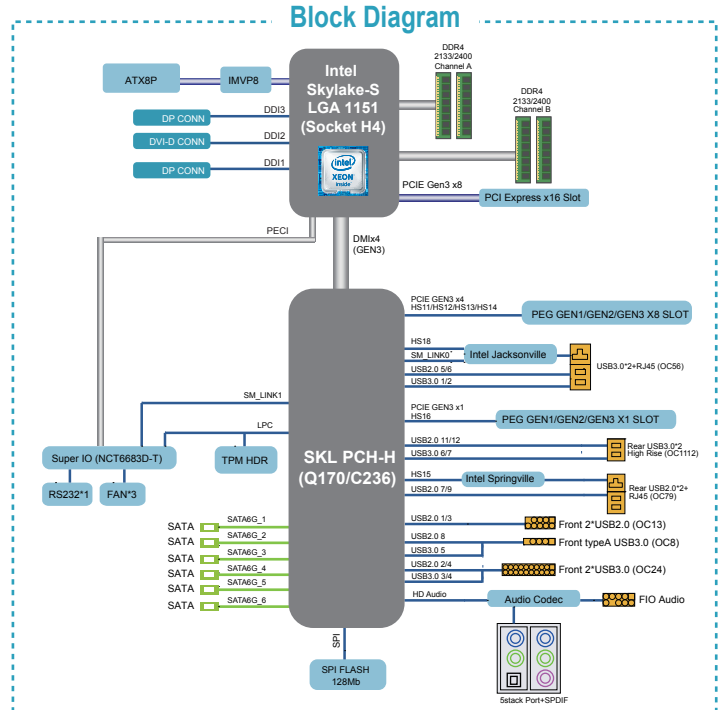
Single-socket server/workstation implementation for CSP/WKS deployment

- Single LGA1151 socket support (1) Intel® 7th/6th Gen. Core i7/i5/i3 series processors
- Single LGA1151 socket support (1) Intel® Xeon® E3-1200 v6/v5 series processors/ Intel® 7th/6th Gen. Core™ i3 series (-HE SKU)
- Intel® Q170
- Intel® C236 (-HE SKU)
- (4) DIMM slots support up to 64GB unbuffered non-ECC UDIMM DDR4 2133/2400
- (4) DIMM slots support up to 64GB unbuffered ECC UDIMM DDR4 2133/2400 (-HE SKU)
- (1) PCI-E Gen3 x16 slot
- (1) PCI-E Gen3 x8 slot (w/ x4 link)
- (1) PCI-E Gen3 x1 slot
- (6) SATA HDDs by SATA-III connectors running at 6.0Gb/s w/RAID 0/1/10/5 (Intel® RST)
- (2) GbE (via Intel® I210 & Intel® I219-LM) (Intel AMT support w/o -HE SKU)
- Micro ATX 9.6"x9.6" (243.8x243.8mm)

S5545

S5545AG2NR / S5545AG2NR-HE

Processor	Supported CPU Series	Intel® 7 th /6 th Gen. Core i7/i5/i3 series processors Intel® Xeon® E3-1200 v6/v5 series processors/ Intel® 7 th /6 th Gen. Core™ i3 series (-HE SKU)	
	Socket Type / Q'ty	LGA1151 / (1)	
	Thermal Design Power (TDP) wattage	Max up to 95W Max up to 80W (-HE SKU)	
Chipset	PCH / PCI-E Switch	Intel® Q170 Intel® C236 (-HE SKU)	
	Super I/O	-	
Memory	Supported DIMM Qty	(4) DIMM slots	
	DIMM Type / Speed	Unbuffered non-ECC UDIMM DDR4 2133/2400 Unbuffered ECC UDIMM DDR4 2133/2400 (-HE SKU)	
	Capacity	Up to 64GB	
Expansion Slots	PCI-E	(1) PCI-E Gen3 x16 slot (1) PCI-E Gen3 x8 slot (w/ x4 link) (1) PCI-E Gen3 x1 slot	
	PCI	-	
LAN	Port Q'ty	(2) GbE (Intel® AMT support w/o -HE SKU)	
	Controller	Intel® I210/ Intel® I219-LM	
	PHY	-	
Storage	SATA	Connector	(6) SATA
		Controller	Intel® Q170 Intel® C236 (-HE SKU)
		Speed	6.0 Gb/s
		RAID	RAID 0/1/10/5 (Intel® RST)
Graphic	Connector type	(1) DVI-D / (2) Display port 1.2	
	Chipset	Intel® Processor Graphics(pGFX)	
Audio	Chipset	Realtek ALC892-GR	
	Version	5.1 ch	
Input /Output	USB	(4) USB 2.0 ports (2 at rear, 2 via cable) / (7) USB3.0 ports (4 at rear, 2 via cable, 1 TYPE-A)	
	COM	(1) header	
	Audio	(1) 5 holes Audio Jack+SPDIF fiber connector	
	VGA	-	
	DVI	(1) DVI-D connector	
	Display Port	(2) Display Port 1.2	
	RJ-45	(2) GbE (Intel® AMT support w/o -HE SKU)	
	SAS	-	
	SATA	(6) SATA-III connectors	
System Monitoring	Chipset	NCT6683D-T	
	Fan	Total (3) 4-pin headers	
	Temperature	Monitors temperature for CPU & system environment	
	AMT Feature	Support Power on/ Power off/ Restart at remote side (w/o -HE SKU)	
	Others	Watchdog timer support	



BIOS	Brand / ROM size	AMI / 16MB
	Feature	Hardware Monitor / ACPI 5.0 / SMBIOS 3.0/PnP/Wake on LAN / ACPI sleeping states S3,S4,S5 / Boot from USB device , PXE via LAN,Storage / User Configurable FAN PWM Duty Cycle / Console Redirection
Form Factor	Form Factor	Micro ATX
	Board Dimension	9.6"x9.6" (243.8x243.8mm)
Operating System	OS supported list	Please refer to our Intel OS supported list.
	FCC (DoC)	Class A
Regulation	CE (DoC)	Yes
	Operating Temp.	10° C ~ 35° C (50° F ~ 95° F)
Operating Environment	Non-operating Temp.	- 40° C ~ 70° C (-40° F ~ 158° F)
	In/Non-operating Humidity	90%, non-condensing at 35° C
	RoHS	RoHS 6/6 Compliant

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

