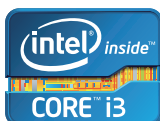


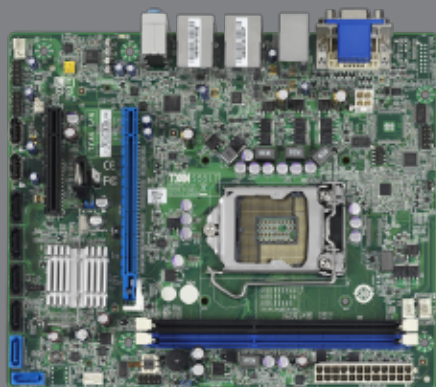
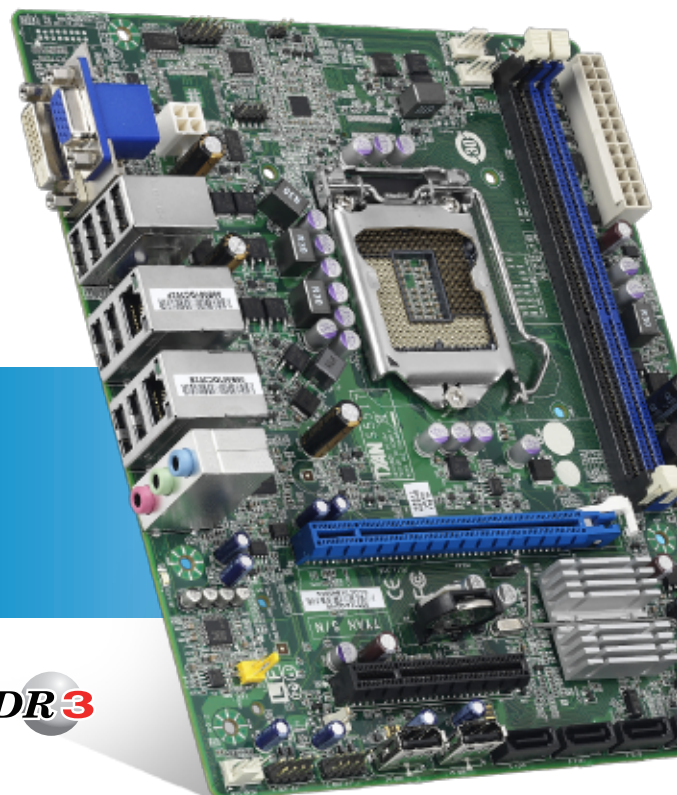
SINGLE-SOCKET EMBEDDED PLATFORM

S5517

S5517AG2NR



DDR3



■ Intel® Q67 Chipset

Entry single-socket for Embedded Product

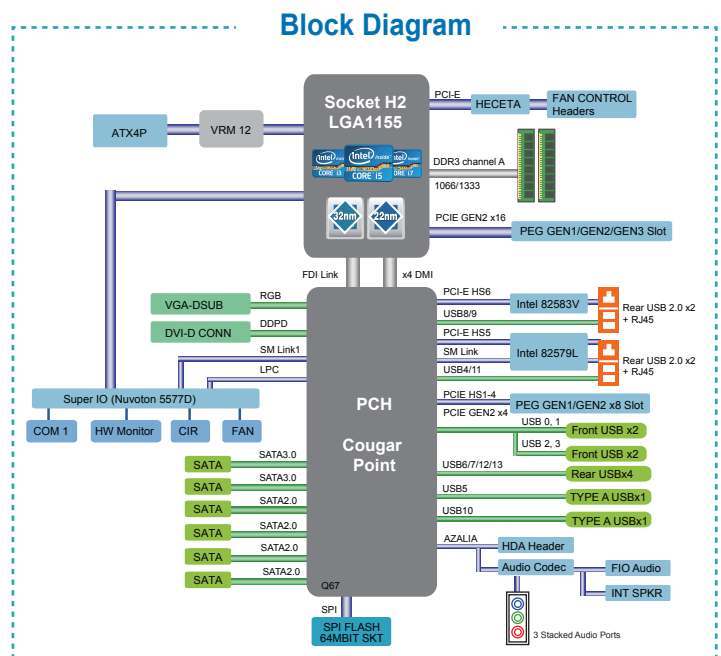
- Single LGA1155 socket supports (1) I3/I5/I7 32nm/ 22nm series CPU
- Intel® Q67 PCH
- (2) 240-pin DDR3 DIMM slots support up to 16GB U-DDR3 *1600/1333/1066MHz without ECC memory
- (1) PCI-E Gen.2/ Gen.3* x16 slot
- (1) PCI-E Gen.2 x8 slots (w/ x4 link)
- (4) SATA-II connectors w/ RAID 0, 1, 10, 5 support
- (2) SATA-III connectors
- (2) GbE LAN
- (8) USB2.0 ports on rear I/O

* Features provided by i3/i5/i7, 22nm(Ivy Bridge)CPU

S5517AG2NR

Processor	Supported CPU Series		Intel® Core i3/ i5/ i7 32nm/22nm series processors
	Socket Type / Q'ty		LGA 1155/ (1)
	Thermal Design Power (TDP) wattage		Max up to 95W
Chipset	PCH		Intel® Q67
	Super I/O		Nuvoton 5577D
Memory	Supported DIMM Qty		(2) DIMM slots
	DIMM Type / Speed		Unbuffered Non-ECC DDR3 1600*/ 1333/1066
	Capacity		Up to 16GB
	Memory channel		2 Channels
	Memory voltage		1.5V
Expansion Slots	PCI-E		(1) PCI-E Gen.2/Gen3* x16 slot (1) PCI-E Gen.2 x8 slot (w/ x4 link)
LAN	Port Q'ty		(2)
	Controller		Intel® 82583V
	PHY		Intel® 82579LM
Storage	SATA	Connector	(6) SATA
		Controller	Intel® Q67
		Speed	(2) 6.0 Gb/s (blue color), (4) 3.0 Gb/s (black color)
		RAID	RAID 0/1/10/5 (Intel RST)
Graphic	Connector type		D-Sub 15-pin / DVI-D
	Resolution		Up to 1920x1440
	Chipset		Intel® Q67
Audio	Chipset		Realtek ALC888
	Feature		High Definition Audio
TPM (Optional)	Chipset		Nuvoton WPCT210AA0WX (Optional)
	Version		TPM v1.2
Input /Output	USB		(8) USB 2.0 ports (at rear)
	COM		(1) header
	VGA		(1) D-Sub 15-pin VGA port
	DVI		(1) connector
	Audio		LINE_IN, LINE_OUT, MIC_IN connectors
	RJ-45		(2) GbE ports
	Power		SSI/ATX 24-pin + 4-pin power connectors
	Front Panel		(1) 2 x 5 header
System Monitoring	SATA		(4) SATA-II and (2) SATA-III connectors
	Chipset		Nuvoton 5577D
	Voltage		Monitors voltage for CPU, memory, chipset & power supply
	Fan		Total (4) 4-pin headers
BIOS	Temperature		Monitors temperature for CPU & system environment
	Brand / ROM size		8MB / AMI
BIOS	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

* Features provided by i3/i5/i7, 22nm(Ivy Bridge)CPU



Physical Dimension	Form Factor	Flex ATX	
	Board Dimension	9"x7.5" (228.6x190.5mm)	
Operating System	OS supported list	Please refer to our OS supported list.	
Regulation	FCC (DoC)	Class B	
	CE (DoC)	Yes	
Operating Environment	Operating Temp.	0° C ~ 55° C (32° F~ 131° F)	
	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	Yes	
Package Contains	Motherboard	(1) S5517 Motherboard	
	Manual	(1) User's manual / (1) Quick Ref. Guide	
	Installation CD	(1) TYAN installation CD	
	I/O Shield	(1) I/O Shield	
	Cable	SATA	(6) SATA signal cables
		USB	(1) CCBL-035J, 2-port USB bracket cable

(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