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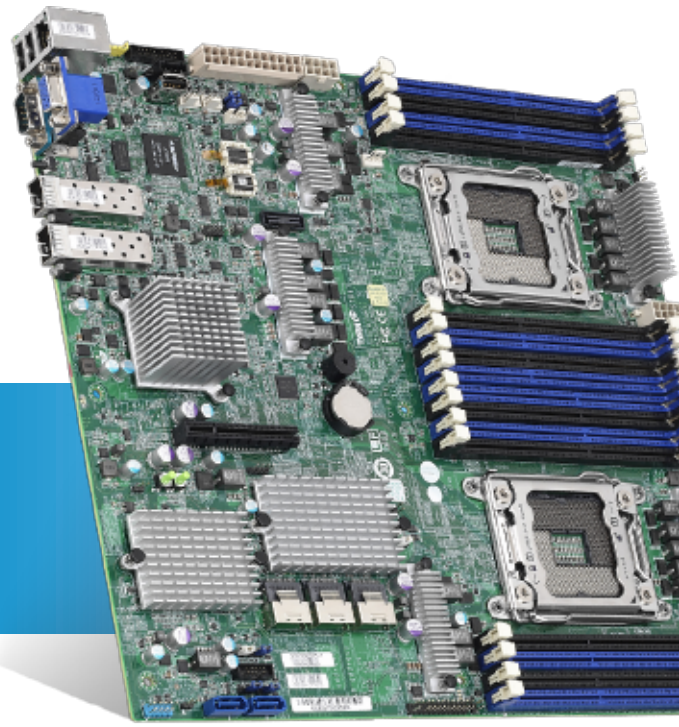
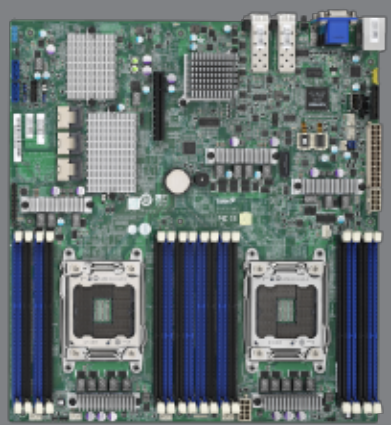
DUAL-SOCKET RACK-OPTIMIZED PLATFORM



S7067

S7067WGM3NR-2T / S7067GM3NR-2T





■ Intel® C602 Chipset

Dual-socket SMP server implmentation for IPDC Rack Deployment

- Dual LGA2011 socket supportsIntel Xeon Processor E5-2600/E5-2600 v2 Series CPU
- Intel® Patsburg-A + LSI SAS 6G Controller
- (8 + 8) 240-pin UDIMM/RDIMM/LRDIMM ECC 1066/1333/1600/1866 *Speed 1866 only for 1 slot per channel 1.5V(Blue color DIMM slot)
- (1) PCI-E x8
- (4) SATA ports by (1) mini-SAS connector running at 3.0 Gb/s w/ RAID 0, 1, 10, 5 support (AHCI)
- (2) SATA connectors running at 6.0 Gb/s (AHCI)
- (8) SATA/SAS ports by (2) mini-SAS connectors running at 6.0Gb/s w/ RAID 0, 1, 10 support (-W SKU)
- (1) GbE (via Intel® 82574L)
  (2) 10 GbE SFP+ (Via Broadcom 57810S)
- EATX (12" x 13", 305mm x 330mm)

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

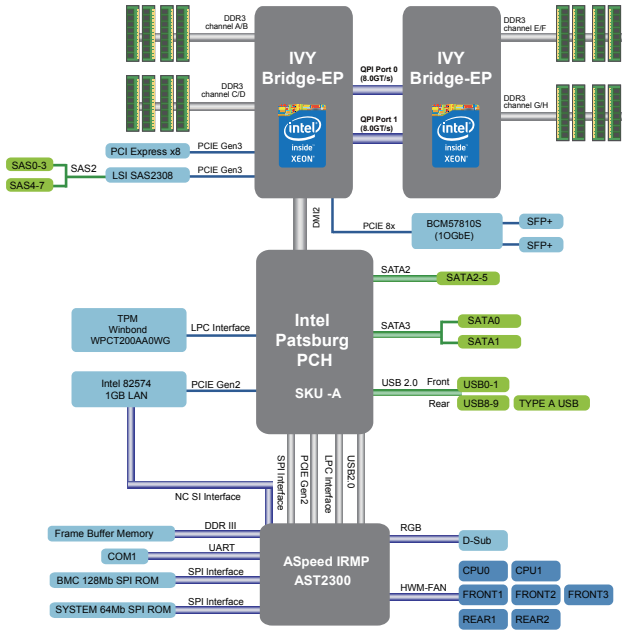
S7067

S7067WGM3NR-2T / S7067GM3NR-2T

TYAN Specifications

Processor	Supported CPU Series		Intel Xeon Processor E5-2600/E5-2600 v2 Series
	Socket Type / Q'ty		LGA2011 / (2)
	Thermal Design Power (TDP) wattage		Max up to 130W
Chipset	PCH / PCI-E Switch		Intel® C602 series
	Super I/O		-
Memory	Supported DIMM Qty		(8+8) DIMM sockets
	DIMM Type / Speed		UDIMM/RDIMM/LRDIMM ECC 1066/1333/1600/1866 *Speed 1866 only for 1 slot per channel 1.5V(Blue color DIMM slot)
	Capacity		up to 128GB UDIMM / 256GB RDIMM / 512GB LRDIMM
	Memory channel		4 Channels
	Memory voltage		1.35V/1.5V
Expansion Slots	PCI-E		(1) sets of the following expansion combination: (1) PCI-E x8 slot
	Recommended TYAN® Riser Card		
	PCI		-
LAN	Port Q'ty		(1)GbE port shared with IPMI
	Controller		Intel® 82574L
10GbE LAN	Port Q'ty		(2)
	Controller		Broadcom 57810S
	Connector type		SFP+
Storage	SAS (opt.)	Connector	(8) SAS (S7067WGM3NR-2T SKU)
		Controller	LSI SAS2308
		Speed	6.0 Gb/s (mini-SAS connector)
		RAID	RAID 0/1/10
	SATA	Connector	(6) SATA (S7067GM3NR-2T SKU)
		Controller	Intel® C602
		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
	Resolution		up to 1920 x 1200
	Chipset		Aspeed AST2300
Audio	Chipset		-
	Version		-
TPM (optional)	Chipset		Winbond
	Version		WPCT200AAOWG
Input /Output	USB		(5) USB2.0 ports (2 at rear, 2 via cable, 1 type A onboard)
	COM		(1) header (1) port (rear)
	Audio		-
	VGA		(1) D-Sub 15-pin VGA port
	DVI		-
	Display Port		-
	Power		SSI 24-pin + 8-pin + 8-pin power connectors
	RJ-45		(1) GbE ports
	SAS		(2) Mini-SAS (4-in-1) connectors
	Front Panel		(1) 2x12-pin SSI front panel header
	SATA		(1) Mini-SAS connector (2) SATA II connectors
	SFP+		(2) 10GbE Ports

Block Diagram



System Monitoring	Chipset	Aspeed AST2300
	Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Fan	Total (5) 4-pin headers
	Temperature	Monitors temperature for CPU & memory
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 / 8MB
	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	EATX
	Board Dimension	12"x13" (305x330mm)
Operating System	OS supported list	Please refer to our 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

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