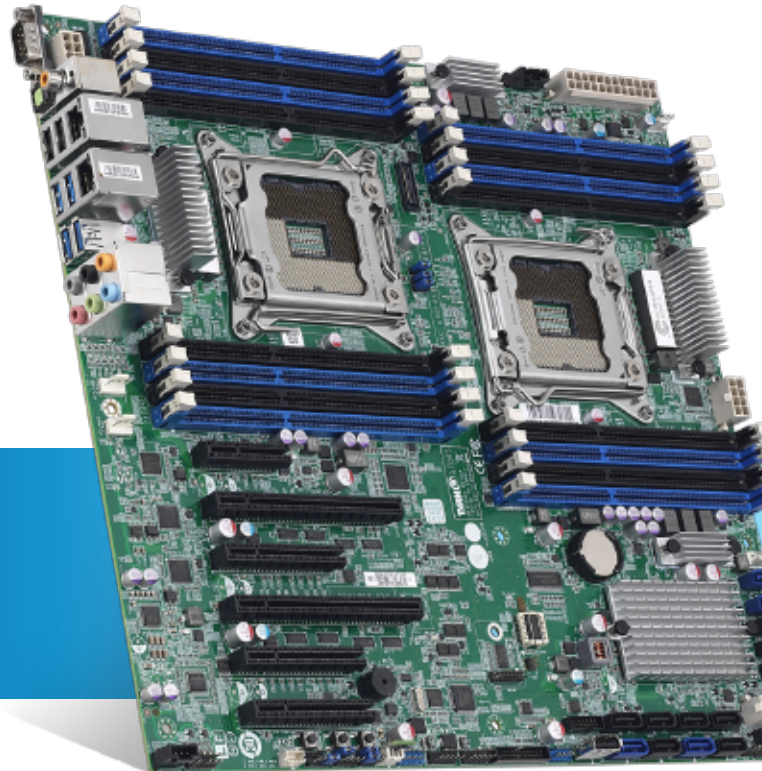
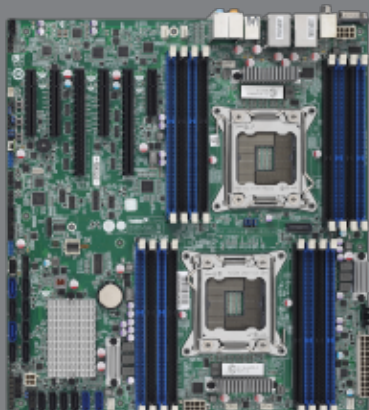


DUAL-SOCKET WORKSTATION PLATFORM



S7065

S7065A2NRF / S7065WA2NRF



■ Intel® C602 Chipset

High-end dual-socket Workstation platform for GPGPU applications with (2)GbE and HD Audio support

- Dual LGA2011 socket supports (2) E5-2600 series CPU
- Intel® C602 PCH and INTEL SAS ROM key design
- (8+8) 240-pin DDR3 DIMM slots DDR3/DDR3L 800/1066/1333/1600 RDIMM, 800/1066/1333 UDIMM/LRDIMM support DDR3 Unbuffered and Register ECC
- (1) PCI-E Gen.3 x4 slot , (1) PCI-E Gen.2 x8 slot
- (2) PCI-E Gen.3 x8 slots, (2) PCI-E Gen.3 x16 slots
- (4) SATA-II connectors w/ RAID 0, 1, 10, 5 support
- (2) SATA-III connectors
- Intel® integrate SAS 3.0G ports up to (8) ports
- (2) GbE LAN
- (4) USB3.0
- (2) 1394 Support
- SSI EEB (12" x 13") form factor



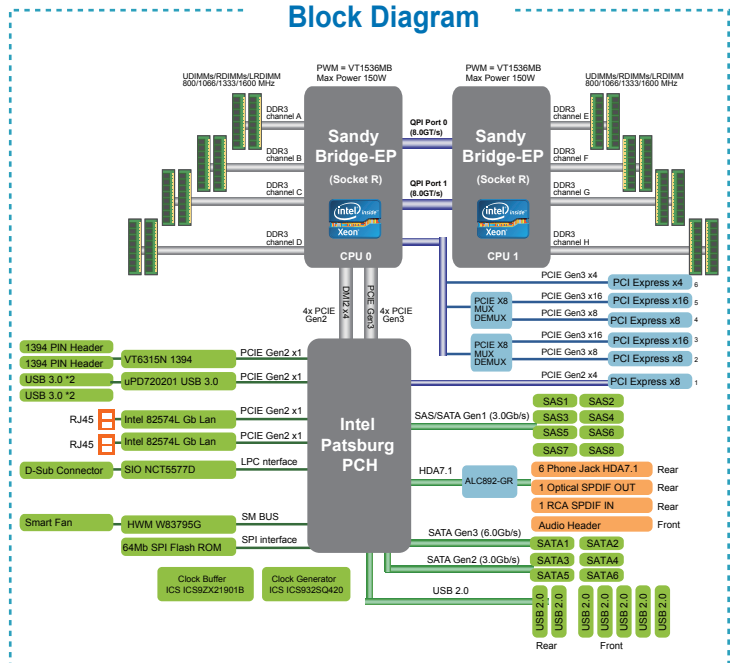
S7065

S7065A2NRF / S7065WA2NRF

TYAN

Specifications

Processor	Supported CPU Series	Intel® Xeon® E5-2600 Series processors
	Socket Type / Q'ty	LGA2011 / (2)
	Thermal Design Power (TDP) wattage	Max up to 150W
Chipset	PCH / PCI-E Switch	Intel® C602 series -W sku include INTEL ROM 5 key
	Super I/O	NCT5577D
Memory	Supported DIMM Qty	(8+8) DIMM sockets
	DIMM Type / Speed	DDR3/DDR3L 800 / 1066 / 1333 / 1600 RDIMM, 800 / 1066 / 1333 UDIMM / LRDIMM / Support DDR3 Unbuffered and Register ECC
	Capacity	up to 128GB UDIMM / 256GB RDIMM / 512GB LRDIMM
	Memory channel	4 Channels
	Memory voltage	1.35V/1.5V
Expansion Slots	PCI-E	(1) PCI-E G3 x4 slot #6 (2) PCI-E G3 x16 slots #3,#5 (x16/x8 link) (2) PCI-E G3 x8 slots #2,#4 (x0/x8 link) (1) PCI-E G2 x8 slot #1 from PCH (x4 link)
	Recommended TYAN® Riser Card	-
	PCI	-
	LAN	Port Q'ty (2) Controller Intel® 82574
Storage	SAS (opt.)	Connector (8) Single-Ports
		Controller Intel® integrate SAS (S7065WA2NRF) -W sku include INTEL ROM 5 key
		Speed 3G RAID RAID 0/1/10
	SATA	Connector (6) single-port
		Controller Intel® C602 series
Speed 2 for 6.0 Gb/s(blue color), 4 for 3.0 Gb/s(black color) RAID RAID 0/1/10/5 (Intel® RST)		
Graphic	Connector type - Resolution - Chipset -	
Audio	Chipset ALC892 HD 7.1 Audio Version -	
Input /Output	USB	(7) USB2.0 ports (2 at rear, 4 via cable, 1 type A onboard), (4) USB3.0 at rear
	COM	(1) ports (1 at rear)
	Audio	2x3 Phone Jack at REAR, (1) Audio Header
	VGA	-
	SPDIF	(1) Fiber output and (1) Copper input
	1394	VIA VT6315
	RJ-45	(2) GbE ports
	Power	SSI/ATX 24-pin + 8-pin + 8-pin power connectors
	Front Panel	(1) 2x12-pin SSI front panel header
	SATA	(6) single port SATA connectors
	SAS (opt.)	(8) single-ports SATA connectors



System Monitoring	Chipset	W83795G
	Voltage	Monitors voltage for CPU, memory, chipset & power supply
	Fan	Total (7) 4-pin headers
	Temperature	Monitors temperature and 10x2 FAN header for CPU & system environment
BIOS	Brand / ROM size	AMI / 16MB
	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	SSI EEB
	Board Dimension	12"x13" (305x330mm)
Operating System	OS supported list	Please refer to our OS supported list.
Regulation	FCC (DoC)	Class B
	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
ErP/EuP		Support

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

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