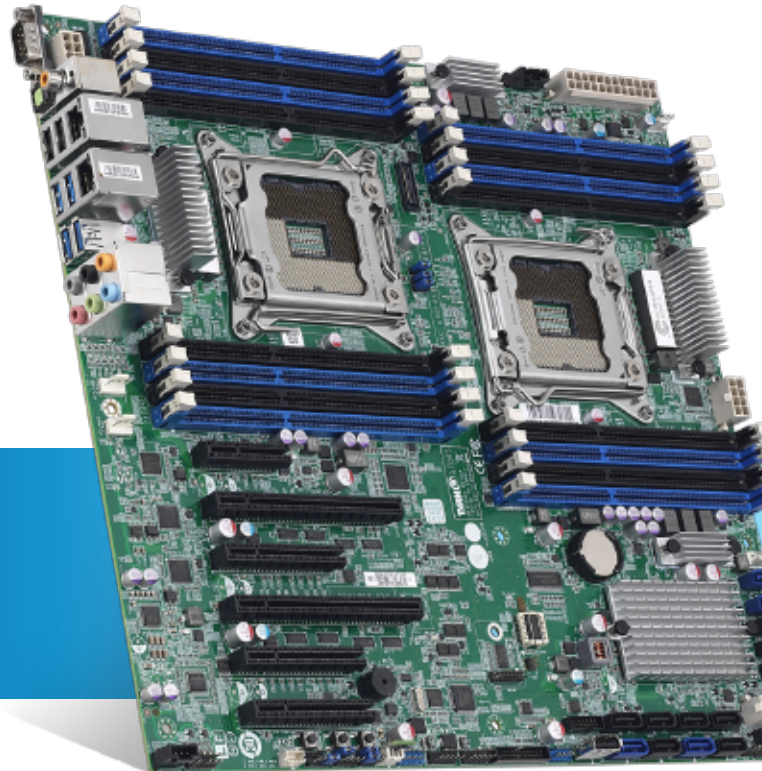
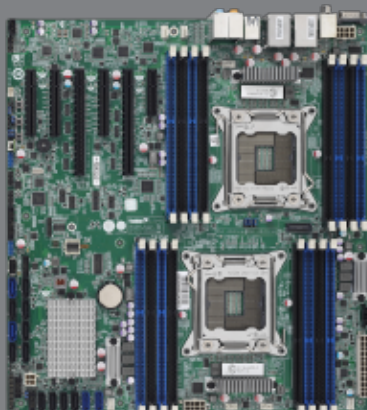


## DUAL-SOCKET WORKSTATION PLATFORM



# S7065

S7065A2NRF / S7065WA2NRF



■ Intel® C602 Chipset

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

- Intel Xeon Processor E5-2600/E5-2600 v2 Series
- Intel® C602 PCH and INTEL SAS ROM key design
- (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 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

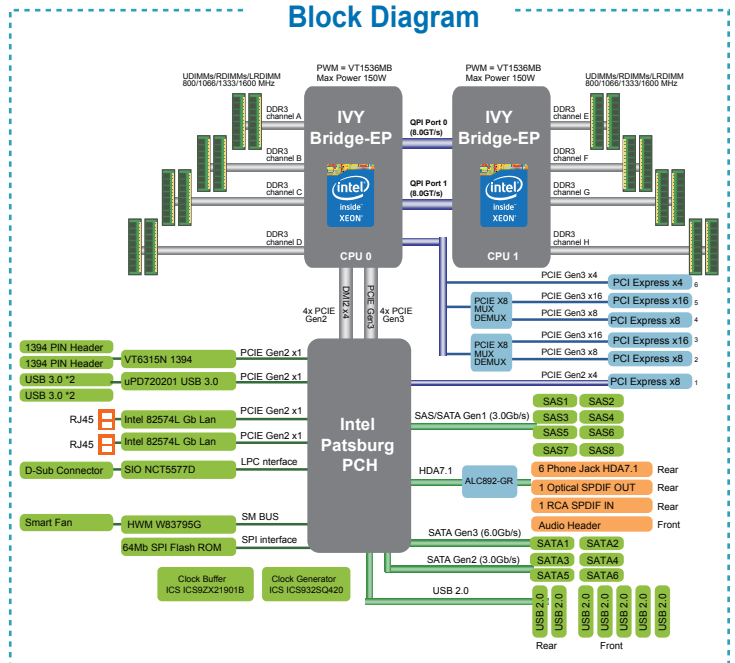


# S7065

S7065A2NRF / S7065WA2NRF

# TYAN Specifications

<b>Processor</b>	<b>Supported CPU Series</b>	Intel® Xeon® E5-2600 Series processors	
	<b>Socket Type / Q'ty</b>	LGA2011 / (2)	
	<b>Thermal Design Power (TDP) wattage</b>	Max up to 150W	
<b>Chipset</b>	<b>PCH / PCI-E Switch</b>	Intel® C602 series -W sku include INTEL ROM 5 key	
	<b>Super I/O</b>	NCT5577D	
<b>Memory</b>	<b>Supported DIMM Qty</b>	(8+8) DIMM sockets	
	<b>DIMM Type / Speed</b>	UDIMM/RDIMM/LRDIMM ECC 1066/1333 /1600/1866 *Speed 1866 only for 1 slot per channel 1.5V(Blue color DIMM slot )	
	<b>Capacity</b>	up to 128GB UDIMM / 256GB RDIMM / 512GB LRDIMM	
	<b>Memory channel</b>	4 Channels	
	<b>Memory voltage</b>	1.35V/1.5V	
<b>Expansion Slots</b>	<b>PCI-E</b>	(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)	
	<b>Recommended TYAN® Riser Card</b>	-	
	<b>PCI</b>	-	
	<b>LAN</b>		
<b>Storage</b>	<b>SAS (opt.)</b>	<b>Connector</b>	(8) Single-Ports
		<b>Controller</b>	Intel® integrate SAS (S7065WA2NRF) -W sku include INTEL ROM 5 key
		<b>Speed</b>	3G
		<b>RAID</b>	RAID 0/1/10
	<b>SATA</b>	<b>Connector</b>	(6) single-port
		<b>Controller</b>	Intel® C602 series
	<b>Speed</b>	2 for 6.0 Gb/s(blue color), 4 for 3.0 Gb/s(black color)	
	<b>RAID</b>	RAID 0/1/10/5 (Intel® RST)	
<b>Graphic</b>	<b>Connector type</b>	-	
	<b>Resolution</b>	-	
	<b>Chipset</b>	-	
<b>Audio</b>	<b>Chipset</b>	ALC892 HD 7.1 Audio	
	<b>Version</b>	-	
<b>Input /Output</b>	<b>USB</b>	(7) USB2.0 ports (2 at rear, 4 via cable, 1 type A onboard), (4) USB3.0 at rear	
	<b>COM</b>	(1) ports ( 1 at rear )	
	<b>Audio</b>	2x3 Phone Jack at REAR, (1) Audio Header	
	<b>VGA</b>	-	
	<b>SPDIF</b>	(1) Fiber output and (1) Copper input	
	<b>1394</b>	VIA VT6315	
	<b>RJ-45</b>	(2) GbE ports	
	<b>Power</b>	SSI/ATX 24-pin + 8-pin + 8-pin power connectors	
	<b>Front Panel</b>	(1) 2x12-pin SSI front panel header	
	<b>SATA</b>	(6) single port SATA connectors	
	<b>SAS (opt.)</b>	(8) single-ports SATA connectors	



<b>System Monitoring</b>	<b>Chipset</b>	W83795G
	<b>Voltage</b>	Monitors voltage for CPU, memory, chipset & power supply
	<b>Fan</b>	Total (7) 4-pin headers
	<b>Temperature</b>	Monitors temperature and 10x2 FAN header for CPU & system environment
<b>BIOS</b>	<b>Brand / ROM size</b>	AMI / 16MB
	<b>Feature</b>	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
<b>Form Factor</b>	<b>Form Factor</b>	SSI EEB
	<b>Board Dimension</b>	12"x13" (305x330mm)
<b>Operating System</b>	<b>OS supported list</b>	Please refer to our OS supported list.
<b>Regulation</b>	<b>FCC (DoC)</b>	Class B
	<b>CE (DoC)</b>	Yes
<b>Operating Environment</b>	<b>Operating Temp.</b>	10° C ~ 35° C (50° F ~ 95° F)
	<b>Non-operating Temp.</b>	- 40° C ~ 70° C (-40° F ~ 158° F)
	<b>In/Non-operating Humidity</b>	90%, non-condensing at 35° C Non-operating Relative Humidity: 10% to 95% (non-condensing)
<b>RoHS</b>	<b>RoHS 6/6 Compliant</b>	Yes
<b>ErP/EuP</b>		Support

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

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