



Stratus RT 5280 Workstation

Designed especially for the U.S. Navy, the Stratus RT 5280 Workstation delivers the full functionality of a powerful workstation in a convenient 1U rack mount form factor, and is deployable both shipboard and ashore.

Performance and Dependability

The Stratus RT 5280 Workstation delivers a powerful and reliable desktop engineered to fit perfectly in tight spaces. The short 18" depth is ideal for all industry standard racks. The Stratus RT's 1U chassis has been tuned to maintain its mission-critical operational state at all times. Powered by Intel's® 4th generation Core™ Processor family, the cost-effective Stratus RT 5280 Workstation delivers more responsive multi-tasking, adaptable performance and built-in visual capabilities to bring more intelligent performance. By utilizing Intel's Turbo Boost Technology, the Stratus RT 5280 Workstation accelerates processor and graphics performance for peak loads, automatically allowing processor cores to run faster than the rated operating frequency if they're operating below power, current, and temperature specification limits.

Engineered to excel

Although the Stratus RT 5280 is a rugged rack mount version of the legacy Small Form Factor Workstation, each component has been scrutinized for its extended shelf life ensuring the first system rolling off the manufacturing line is identical to the last. Stratus RT 5280 has been designed to meet the

requirements of Shock (MIL-STD 901D Grade A), Harmonic Vibration (MIL-STD 167-1), Temperature, Humidity, and Altitude (MIL-STD 810-G).

Excellent video quality already included

The Stratus RT 5280 Workstation is equipped with DVI-D and VGA ports to support flexible, dual independent displays for processors with integrated Intel HD Graphics delivering superb visual performance for sharper images, richer color, and lifelike video.

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Processor	Intel®-1150 Socket: Supportfor 4th Generation Core™ i7/i5/i3 Processors & Intel Pentium® and Celeron® Processors Supports Intel Turbo Boost Technology 2.0	
Chipset	Intel® H81 Express Chipset	
System Memory	2x dual channel DIMM sockets supporting DDR3 1066/1333/1600 MHz, max 16GB; Supports Intel Extreme Memory Profile (XMP)	
Integrated Video	Integrated graphics processor Multi-VGA output support : DVI-D/RGB ports Supports DVI-D with max. resolution 1920 x 1200 @60Hz Supports RGB with max. resolution 1920 x 1200 @60Hz Maximum shared memory of 1024MB	
Integrated Audio	Integrated Realtek® ALC887-VD 8-Channel High Definition Audio CODEC Supports: Jack-detection, multi-streaming, front panel jack-retasking, anti-pop function	
Integrated Super I/O	2x USB 3.0 rear ports, 6x USB 2.0 ports (2x in the front, 4x in the rear), 1x PS/2 keyboard port, 1x PS/2 mouse port, 1x DVI-D port, 1x D-Sub port, 1x LAN (RJ-45) port, 1x parallel port, 3x audio jacks (1x mic, 1x line out, 1x line-in)	
Security	Optional TPM 1.2	
Integrated Gigabit	Integrated Realtek® RTL8111G Gigabit LAN controller (10/100/1000 Mbits/sec)	
Expansion Slots	1x PCIe x16 and 1x PCI low profile expansion slots	
Drive Bays	1X slim optical drive bay and 2x 2.5" hot swap bays	
Dimensions (H x W x D)	17" x 1.7" x 17.8" / 431.8mm x 43.2mm x 452.1mm	
Power Supply	Input Voltage	100-240 VAC
	Input Frequency	50/60 Hz
	Maximum Output	250W Power Supply, 80-Plus Bronze
	Form Factor	Flex ATX v1.0
	Power Factor Correction	Active PFC
	Efficiency	>80% at Normal Input Voltage
Regulatory & Product Certifications	EMI/RFI:	FCC Declaration of Conformity (DoC)
	Safety:	Underwriter Laboratories (UL) 60950, 3rd Edition
	EPA:	Energy Star Compliant; EPEAT Silver Compliant
	Other:	NIST 800-147 Complaint BIOS
Form Factor	1U Rack mount	



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