SR-5500A 5U High, Industrial Rackmount PC

The SR-5500A industrial computer is ideal for applications that require a rugged, rack mount PC with a built-in 12.1" LCD Monitor and expansion capability. Systems are configured with an industry standard ATX-style mainboard. For two decades Stealth has provided thousands of proven reliable product solutions that have assisted clients with a myriad of applications. Our impressive customer base includes a wide range of customers from single man operations to Fortune 500 companies, Military installations and Governments worldwide.

SR-5500A Specifications

- **System Highlights**
  - Integrated 12.1" 400cd/m2 TFT LCD Display
  - Built-in 66-button waterproof Membrane Keypad complete with OSD set-up buttons (acts as a Keyboard)
  - PCI and PCIe expansion slots for add-on cards
  - Locking/latching door over the drive bays for added security

  *Customizable to meet any requirement you may have from Processor Support, Expansion and Operating System Support*

- **Processors:**
  - Supporting Intel® 2nd Generation Core™ i7 Processor/
  - Core™ i5 Processor/Core™ i3 Processor / Support Intel® 32nm CPU
  - (Code name Sandy Bridge)
  - Optional support for Intel Xeon, Core 2 Duo and Core 2 Quad
  - Optional support for AMD Processors including Opteron

- **Power Supply:**
  - 100 ~ 240V AC Auto-Ranging Power supply, 550W ATX (standard) Meets 80PLUS Bronze
  - Optional Redundant Power Supplies Available upon Request
  - Optional 12, 24, 48, 125 and more DC input available
  - (Call Stealth for your requirement)
**Memory:**
- Dual-Channel memory architecture
- 4 DDR3 Memory Sockets Supporting up to 32GB of RAM / Memory
- Additional customized solutions which include Triple-Channel or higher memory configurations

**Hard Drives:**
- Supports all SATA (Serial-ATA) I, II & III Hard Drives (1.5Gb/s, 3Gb/s and 6Gb/s)
- Optional support for SAS (Serial Attached SCSI), SCSI or Solid State Hard Drives (SSD)
- Optional RAID configurations (0, 1, 5, 10 and more), Optional Intel Smart Response Technology on supported Processors

**Drive Bays:**
- (1) 5.25" and (1) 3.5" external bay
- (1) 3.5" internal drive bay

**Removable Storage:**
- DVD/CD optical Drive offered standard (uses 1 x 5.25" Bay)
- Support for all Standard 5.25" Optical Disk Drives
- Options include DVD-RW / CD-RW, DVD-RW / Blu-Ray Burner
- Optional USB 1.44MB 3.5" Floppy Drive

**Video Adapter:**
- Integrated Video controller with VGA (max resolution 1920 x 1200 @ 60 Hz), DVI-D (max resolution 1920 x 1200 @ 60 Hz) and HDMI (max resolution of 2048 x 1536 @ 75 Hz)
- Maximum shared memory of 1748 MB
- Supports AMD (ATI) Quad-GPU CrossFireX Technology
- Custom or special requested video cards available
- Patch cable required for onboard LCD (included), uses VGA connection

**LCD Monitor:**
- 12.1" TFT, 800 x 600 Native Resolution with front-mounted OSD control panel
- Display Colors: 262,144 colors
- Brightness: 400 nits (400cd/m2)
- Contrast: 500:1
- Viewing Angle: 140 / 110
- Backlight MTBF: 50,000 hrs
- OPTIONAL: 5-Wire Resistive Touch Screen with RS-232 interface (serial)

**Keyboard:**
- Built-In 66-button waterproof Membrane Keypad
- 12 Function keys, full Alphabet and Number keys and OSD set-up buttons (acts as a Keyboard)
- Click here to see the keyboard layout

**Expansion Slots:**
- Standard offering includes (1) PCIe 2.0 x16 (operates at x16), (1) PCIe 2.0 x16 (operates at x4 max), (2) PCIe 2.0 x1 and (3) PCI NOTE: PCIe x16 slots support AMD (ATI) Quad-GPU CrossFireX™ Technology
- Additional options available, please contact Stealth

**Cooling Fans:**
- 1 Internal blower vending the side
- 2 Front intake fans behind LCD
- ½ sized latching/locking door

**Additional Options:**
- Resistive Touchscreen interface (serial)
- 64 Bit Processors
- SCSI interface and hard drives
- SAS (Serial attached SCSI) Drives and controllers
- Solid State Disk Drives
- RAID
- Slide Rails
- Redundant Power supplies
- DC input power options
- 3rd Party IO Cards including RS232, RS485
- 3rd Party Video or Acceleration Cards
- Video capture or input cards
- BUILT TO ORDER!
- Contact us with any request for configuration!

**Optional Accessories:**
- Chassis Slide Rails
- Serial Cards
- RS422/485 Serial Outputs
- Third Party I/O Cards (customer specified)

**Operating Temperature:**
- Operating 0-45 C
- Humidity - 5% -95% Non-condensing

**Dimensions / Chassis Information:**
- 19.0" W x 8.7" H x 18.5"D (483mm x 220mm x 470mm)
- 14 gauge steel chassis c/w front locking/latching door over drive bays
- (2) x intake cooling fans; (1) x exhaust fan
- Color: Beige
- Expansion Card Hold Down Bracket
- Dimensional Drawing

**Weight:**
- Approx. 50lbs. typical weight
- (2) - USB 2.0 / 1.1 ports (front-mount)
- (1) RJ45 10/100/1000 BASE-T Gigabit LAN Port
- 8-channel High Definition Audio Codec
- (1) Optical S/PDIF Out port
- (1) Combo PS/2 Port (Keyboard or Mouse)
- Front Keypad requires patch cable from rear PS/2 port
  (included, uses combo PS/2 port above)

- **Operating System:**
  - Windows 7 (32-Bit / 64-Bit), Windows XP (32-Bit / 64-Bit),
  - Windows Vista (32-Bit / 64-Bit), Windows Server 2003,
  - Windows Server 2008, Ubuntu Linux and more
  - Contact us for your specific operating system requirement to discuss compatibility

*Note:* 64-Bit Support is dependent on using a 64-Bit Supported CPU

- **Warranty:**
  - 2 Year limited Warranty, Standard Extended Warranty available, contact Stealth for more info.