

SAIS S7T-17HD

Triple Display, ATX Version

SAIS S7T is our economical design focused on slim, lightweight and portable. **The slim depth is designed to fit in standard traveling luggage that can fit in airplane's overhead compartment.** The S7T-17HD provides a solid base to build powerful PC with moderate expansion capability. Featuring TRIPLE 17.3" HD monitors running clone mode at 1920×1080 each or extended desktop at 5760×1080 resolution. It is capable to fit standard or micro ATX motherboard, one slim optical drive, and three 5.25" devices. Two of the 5.25" bays can be configure into three 3.5" removable HDD or eight 2.5" removable HDD.



Designed for the application

The SAIS-S7T is designed with the product's compactness and mobility in mind. **The slim depth is designed to fit in standard traveling luggage that can fit in airplane's overhead compartment.** Chassis is constructed by all aluminum outer shell with shock absorbing composite rubber corner blocks. The internal 3.5" drive bays are shock-mounted to protect the hard disk drives from damage. It provides protection to the computer unparalleled by any other chassis.

Expansion capability

The chassis can be easily customized for application that has requirement for multiple display with PC add-on slots or disk drive expansion. The S7T-17HD offers 7 expansion slots, 1 slim optical bay and 3 open 5.25" drive bays. Two of the 5.25" bays can be configure into three 3.5" removable HDD or eight 2.5" removable HDD by optional.

Standard Components

The S7T-17HD uses standard off-the-shelf components to optimize cost without compromising performance. It supports standard or micro ATX motherboard and most 3.5"/5.25" devices.

Spark application ideas

- Military base and field operations
- Field service & diagnostic application in many industries
- Portable servers & workstations
- Network and communications testing
- Field data acquisition
- Factory monitoring/automation
- Video and audio editing on location

Features:

- Supports both ATX and micro ATX form factor
- Ruggedly built with aluminum alloy
- Support standard Components
- 7 full length add-on slots with card stabilizer
- Designed to fit in traveling luggage**
- 17.3" TFT LCD x 3 (1920×1080 resolution)
- Support extended desktop at 5760×1080 resolution.

General Specifications

Standard or micro ATX form factor
Light weight aluminum chassis
Rubber protected corner & drive shock-mount
Add-on card stabilizer
Air circulation fan with filter
LCD brightness control & POWER/IDE LED indicator
Hard Anodizing Surface: MIL-A-8625E
Type II/III
Built-in amplified stereo speakers
Mouse touch pad with dual buttons
Soft wheeled carrying case
3 x 8cm fans

LCD Specifications

LCD size: 17.3"
Resolution: 1920x1080
Color: 262K
Brightness: 300 cd/m2
Contrast: 650:1
Response: 6ms

Structure

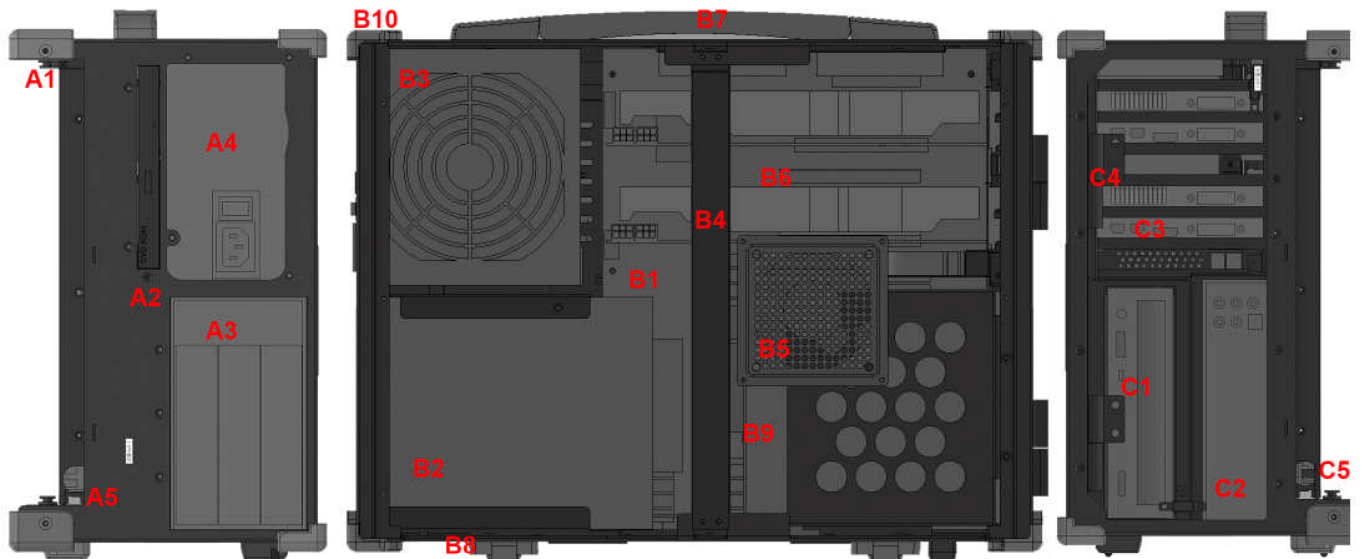
Total Slots: 7
Full-Length: 7
5.25" Bay: 3
Notebook slim CD bay: 1
Dimensions: 17.5" W x 13.5" H x 8.25" D
Weight: 25lbs

Operating Environment

Temperature: 0 to 60°C
Humidity: Meth 5%-95% RH, non-condensing
Altitude: 15,000 ft.
Shock: 15g, 11ms
Vibration: 20-60Hz, 0.075mm
Drop: 3 feet height free drop
EMI & Safety: FCC Class B, CE

Storage Environment

Temperature: -20 to 60°C
Humidity: Meth 5%-95% RH, non-condensing
Altitude: 40,000 ft.
Shock: 50g, 11ms
Vibration: 10-50Hz, 0.15mm
Drop: 3 feet height free drop
EMI & Safety: FCC Class B, CE



A1: Rubber corner
A2: Slim DVD bay
A3: 3x 3.5" removable HDD tray
(or 8x 2.5" removable HDD tray)
A4: PS2 Power Supply
A5: Signal cable through hole

B1: ATX motherboard
B2: Removable HDD bracket
B3: PS2 Power
B4: Card stabilizer
B5: Air out with fan

B6: 6x 2/3 length add-on card
B7: Handle
B8: Feet
B9: 5.25" drive bracket
B10: Rubber Corner

C1: 5.25" open drive bay
C2: Motherboard IO window
C3: 7x slots
C4: Door pivot
C5: Signal cable through hole

S7T

