

SYSTÈME INDUSTRIEL TRANSPORTABLE D'ACQUISITION & DE MESURE

MODÈLE T9

The **SITAM T9** rugged portable computer enclosure combines compactness, strength, and portability, providing the base to build high performance, state of the art PC systems with an upgrade path capability.

Designed for the application

The **SITAM T9** is designed with the product's overall strength in mind. It is based on a well engineered all-aluminum chassis surrounded by an all aluminum outer shell with shock absorbing composite rubber corner blocks



Expansion capability

The **SITAM T9** offers an expansion capability rarely matched by other portable computers. Solutions can be easily customized for the majority of portable computing applications where there is a requirement for add-in PC card capability, massive disk drive expansion, and the ability to survive harsh conditions. The **SITAM T9** offers seven expansion slots and four open drive bays, the ability to accept the fastest CPUs from Intel(R), and is capable of SCSI sub-system.

Standard Components - The key to cost effectiveness and flexibility

The **SITAM T9** uses standard off-the-shelf components to optimize price without compromising performance. It supports most standard ATX motherboard and passive backplane with 7 or 14 slots for above average expansion capability.

Titan application ideas

The **SITAM T9** is the ideal platform on which to build solution for applications where survivability and reliability is crucial. The following applications are just some examples:

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



- Supports both ATX and passive backplane form factor
- Ruggedly built, 100% aluminum alloy
- Minimum 4 full-length add-on slots
- Supports INTEL & AMD SLOT or SOCKET type CPU
- Add-on card stabilizer
- Up to 17" High-Brightness TFT LCD (1280x1024 resolution)
- Detachable full size keyboard (water-resistant optional)
- Built-in glide point mouse pad
- AGP video capable, DVI support (T9-SX15 only)



GENERAL SPECIFICATION

ATX or Passive Backplane platform

Supports any INTEL or AMD system

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

3mm impact-resistant LCD screen glass

300W 110/220V auto-switch power supply

Full size mechanical key-switch keyboard

Mouse touch pad with dual buttons

Soft wheeled carrying case

Side panel fan A: 6 x 6 x 25cm (Airflow 25.5 CFM) **ATX**

Side panel fan B: 4 x 4 x 20cm (Airflow 5.7 CFM) **ATX**

Back cover fan: 8 x 8 x 15cm (Airflow 29.9 CFM) **BP**

ATX - ATX model only | **BP** - Backplane model only

LCD specification

	T9 TX15H	T9 SX15C	T9 SX17C
LCD type	TFT	TFT	TFT
LCD color	16M	16M	16M
LCD size	15.1	15.4	17
resolution	1024 x 768	1280 x 1024	1280 x 1024
Brightness	400 cd/m ²	240 cd/m ²	250 cd/m ²
response	30 ms	40 ms	35 ms
contrast	300:1	250 : 1	350 : 1
Video input	A-D conversion board		

Environment

	Operating	Storage
Temperature	0 to 60 °C	-20 to 60°C
Humidity	Meth 5% - 95% RH, non-condensing	
altitude	15 000 ft	40 000 ft
shock	15 g 11 ms	50g 11 ms
vibration	20-60 Hz, 0.075 mm	10-50 Hz, 0.15 mm
Drop	3 feet height free drop	

Structure

	ATX	Backplane	
Total slots	7	7	14
Full-length	4	7	10
5.25" bay	2	3	1
3.5" bay	2	2	2
Slim CD bay	-	-	1
dimensions	17.2" W x 13.4" H x 9.3" D		
weight	30 LBS		

