SxB6L

Compact Shoebox, Full-Size Platform

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Teknor's SBX6L chassis is a compact yet powerful solution designed for space-conscious applied computing application environments.

Features include:

- Support for up to 6 full-size cards in a very compact, ruggedized chassis

- 6-slot ISA or ISA/PCI passive backplanes

- Front-accessible 1.63″ x 5.25″ and floppy drive bays plus one internal 3.5″ x 1″ bay

- PS/2 power supply providing 250 Watts

- Benchtop or wall/floor mounting configurations in a vertical or horizontal orientation

- A hold-down bracket to secure system cards in place

- Pentium®, Pentium **II** or Pentium III processor ISA/PCI full-size SBC configurations

A compact yet powerful solution

Part of the Teknor Shoebox line of system solutions, the SxB6L is a compact and ruggedized chassis that supports up to 6 full-size cards. The SxB6L offers two types of backplanes: 6-slot ISA or 6-slot ISA/PCI.

The peripheral bay accepts one 5.25″ x 1.63″, one front-accessible 3.5″ floppy drive and one internal 3.5″ drive. A flexible solution, the SxB6L is fully configurable with all Teknor full-size and half-size single board computers.

The SxB6L offers unparalleled durability and versatility through its broad range of features. The system is built using heavy nickel-plated steel to ensure long-term durability. Its PS/2, 250 Watt power supply

provides all the necessary power to drive high performance application platforms in both U.S. and international markets.

The easily accessible filter keeps out performance-hindering dust and dirt, while the integrated 87 CMF fan maintains positive pressure and ample cooling - even in a fully-loaded backplane configuration.

All cards in the chassis are secured with a hold-down bracket enabling the choice of various mounting orientations including benchtop, wallmount, floormount or direct bolting to external machinery.

SxB6L - Technical Specifications

Features	
Dimensions	6.8''H x 10.2''W x 16''D (172 x 260 x 408mm)
Weight	17lbs / 7.7kg app. (w. backplane & power sup.)
Construction/Finish	Cold roll steel (CRS) with nickel plating Black medium texture
Backplane (conform to PCI bus rev. 2.1, & PICMG PCI/ISA rev. 2.0 spec.)	6-slot: all ISA or 6-slot: 2 ISA / 1 CPU / 3 PCI
Peripherals	Front accessible: one 3.5'' floppy drive bay, one 5.25'' x 1.63'' drive bay Internal: one 3.5'' disk drive
Controls	Power switch, Reset button PS/2 keyboard connector
Indicators	System Power On LED Disk Activity LED
Speaker	8 ohm
Rear Panel I/O	AC power inlet connector One DB-9, one DB-25
Power Supply	250W-AC: +5V/25A, +12V/10, -12V/0.5A, -5V/0.5A
Input Voltage	95-132VAC/185-254VAC man. sw 47-63Hz
Thermal Management	Positive pressure, one 86.5CFM fan Power supply exhaust fan Washable filter behind the front door
Mounting Systems	Removable brackets for wall or floor mounting

Features	
Operating Temp./ Humidity	0°C to +50°C / 5-95% @ 40°C (32° to 122°F / 5-95% @ 104°F)
Storage / Transit Temp. / Humidity	-40°C to +70°C / 0-95% @ 40°C (-40° to 158°F / 0-95% @ 104°F)
Operating Altitude	10,000ft (3.048m)
Storage/Transit Altitude	50,000ft (15,240m)
Shock	10G max. at 11ms duration, 3-axis
Vibration	0.25G max., 10-250Hz, 3-axis
Acoustic Noise	<50dB at 1m in front of the system at full load
EMC (Designed to meet or exceed)	US: FCC 47 CFR Part 15, Class B Canada: ICES-003 Class B Europe: CISPR22; CE Mark, Class B to EN55022/EN50082
Safety (Designed to meet)	UL 1950, CSA C22.2 No. 950, CE Mark EN60950; IEC950
M.T.B.F. (Power Supply)	>50,000 hours

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Teknor Applicom helps customers speed to market with applied computing solutions featuring single board computers and integrated systems specifically designed for Industrial Automation, Internet, Telecommunications, Mobile Computing and all types of high-speed, high-availability applications.

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