

FEATURES

- Integrated bench-top chassis supports WinSystems' PC/104, PC/104-Plus, EBX, EPIC and single board computers (SBCs)
- Provides easy access to the top side of the SBC
- Assembled and tested development platform
- Preloaded with DOS, Linux, or Windows CE
- Three different disk drives supported:
 - 3.5" Floppy disk
 - Removable IDE drive
 - 16X DVD
- Internal triple output power supply
- Thumb screws permit fast and easy access to the power supply and disk drives inside the box
- Light-weight aluminum construction
- Black powder coat finish
- Includes PCM-POST card for debugging
- Size: 11.5"W x 11"D x 5"H

FUNCTIONAL CAPABILITY

The SDK4 is a System Developers Kit that makes hardware and software development convenient and reliable for WinSystems' embedded PCs. It integrates three different rotational disk drives and a power supply into an enclosure. The SDK4 provides the necessary system components and cables right-out-of-the-box. This integrated development environment reduces clutter and space while saving the system designer development time and money since they do not have to buy and assemble the individual pieces.

The SDK4 has 3 different disk drives. A 3.5" floppy disk drive will support both 720K and 1.44M media. The DVD drive will read CD, CDR/W, and DVD data media. Finally a 3.5-inch, 40 Gbyte (or greater) IDE hard disk drive is mounted in a removable frame. This allows a developer to keep different operating systems on different drives or perhaps transport or exchange data with another computer. A key lock prevents the drive from being removed accidentally while power is on the system.

The enclosure is made of lightweight, durable aluminum that will not rust. It is painted with a black powder coat that resists scratches and fingerprints. The cover is attached with four thumbscrews. The PC/104, PC/104-Plus, EBX, EPIC, or single board computer is mounted on the top cover for convenience and easy access.



The power supply is a universal switcher that will accept input voltages from 85 VAC to 264 VAC. DC Output voltages are +5V @ 12A, +12V @ 3A, and -12V @ 0.5A.

The target WinSystems' SBC is not included with the SDK4; however, the appropriate cable set is. The SDK4 is shipped with either DOS, Linux, or Windows CE preloaded and configured to boot with the target SBC specified when the system is ordered. A PCM-POST card is also included for debugging support.

SPECIFICATIONS

Electrical

Floppy disk	3.5-inch; 1.44 Mbyte media supported
IDE disk drive	40 Gbyte or greater storage capacity
DVD drive	16X DVD (max.), 48X CD (max.)
Input Voltage	110 to 230 VAC; 47 - 60 Hz
Output Voltage:	+5Vdc @ 12A +12Vdc @ 3A -12Vdc @ 1A

Mechanical

Size:	11.5"W x 11"D x 5"H
Weight:	11 pounds

Environmental

Operating Temperature: +10° to +40° Celsius

ORDERING INFORMATION

SDK4-XXX-D	Development platform preloaded with DOS where XXX designates the SBC
SDK4-XXX-L	Development platform preloaded with Linux where XXX designates the SBC
SDK4-XXX-C	Development platform preloaded with Windows CE where XXX designates the SBC