



Rugged Portables



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ACME II



With the ability to integrate standard PC peripherals and accommodate 8 full-size expansion cards, the **Acme** portable computer is the most pragmatic solution for any mobile application. It is the smallest lunchbox computer on the market accommodating a 15" super TFT LCD screen for a truly satisfying viewing experience.

Carefully designed with the user in mind, this rugged and user-friendly platform can be used indoors or outdoors depending on the application requirement. It is an ideal portable for data acquisition, as a protocol analyzer, or high-speed telecommunication testing. The **Acme** model accepts either a baby AT motherboard or an 8-slot passive backplane board and offers a wide range of power sources for different application usages. The **Acme** lunchbox comes in a beige or charcoal color; OEMs can apply the same stylish design of the **Acme** lunchbox for multiple end-products and use the different colors to visually distinguish the various products (custom color is available depending on quantity).

Typical Applications:	Features:
<ul style="list-style-type: none"> • High-performance computer bus analysis • High-speed telecommunication testing • Multi-protocol network analysis • PLC programming • DA & C prototyping • Automobile industry and more... 	<ul style="list-style-type: none"> • Power of a high -performance workstation in a compact integrated enclosure • Utilization of standard PC peripherals for easy upgrade and maintenance • All-in-one design eliminates the use of cumbersome and inconvenient attachments • Simple and elegant design will enhance the value of the end -product for OEM • Eight full -length expansion slots • Rugged construction for harsh environment operation • The smallest lunchbox available with a spectacular 15" LCD screen

ACME II Specification

* **New Item Coming Soon!**

	I	II	III
Model No	ACMEII-800	ACMEII-850	ACMEII-840
Motherboard	PIII, * P4 Baby AT	PIII, * P4 SBC	PIII, * P4 MICRO ATX
Slot	8	12	4
Drive Bay	1 x 5.25" 2 x 3.5"	1 x 3.5" hidden 1 x NB DVD-ROM 1 x NB FDD	1 x 3.5" hidden 1 x 5.25" 1 x NB DVD-ROM 1 x NB FDD
Color	Charcoal/Beige		
LCD Size	12.1"-15.1" (Tilttable)		
Resolution	800x600, 1024x768, 1400x1050, *1600x1200		
D/C	ATI M3 chipset AGP card with 16MB * M6 chipset with 64MB Analog-to-digital conversion board PCI D/C with 4MB Video RAM		
Keyboard/Mouse	108 keys, multi-languages/touchpad		
Case Size	15.75" x 11.50" x 8.25" (400 x 292 x 210 mm)		
Power Supply	P4 Ready Full range ATX 250W with Active PFC Optional AT p/s connector available		
SKD Weight	8.0 kg (17.6 lbs)		
Speaker	Built-in amplified speaker		
Carrying Case	Padded carrying case with wheels		
Stabilize Bars	2		
Cooling	2 x 80 mm by 15mm		
Case	External chassis-flame retardant ABS plastic/internal chassis-aluminum alloy color Gold 40s		
Option	Air cargo case with wheels, Transit case, 24V DC power supply		

Environmental Specification

Oper. Temp.	0°C-50°C
Relative Humidity	20-80% (non-condensing)
Shock (operating, all axes)	15g
Vibration (operating, all axes)	1.25g @ 10-100Hz

SAX



SAX-900V
The elegant solution



SAX-920H
The powerful portable



SAX-931H
The ultimate choice

Sax is one of our most updated products designed to exceed your most demanding expectations. Its expandable, portable and reliable configuration enhances not only the operational performance but also addresses the most demanding business environments. **Sax** also accommodates a standard size ATX motherboard, AT and passive backplane to fit various technical requirements. But most importantly is that the **Sax** is a powerhouse that contain dual processors that are traditionally found in bulky workstations. In fact, the **Sax** comes with everything a large bulky workstation has such as built in LCD screen for super sharp images, built-in amplified speakers, integrated keyboard/mouse, cooling fans, internal card stabilizer; you name it!

With its rugged infrastructure, **Sax** is manufactured to fulfill the function in the most severest of working conditions, and at the same time provide secure timely and elegant solutions. Furthermore, the **Sax** ingenious layout focuses on space saving, and yet it provides unsurpassed power, more than any existing compatible system. Undoubtedly, with its expandable configurations, **Sax** is the ultimate choice for application and solution needs

Typical Applications:

- Digital video assist
- RTC
- DA & C prototyping and more

SAX Specification

*** New Item Coming Soon!**

	I	II	III
Model No	SAX-900V	SAX-920H	SAX-931H
Motherboard	ATX	ATX	SBC
Slot	7	7	10
Drive Bay	2 x 5.25" 2 x 3.5"		3 x 5.25" 2 x 3.5"
Color	Charcoal		
LCD Size	14.1"-15.4" (Tilttable)		
Resolution	1024x768, 1280x1024, 1400x1050, *1600x1200		
D/C	ATI M3 chipset AGP card with 16MB or * M6 chipset with 64MB Analog-to-digital conversion board PCI D/C with 4MB Video RAM		
Keyboard/Mouse	108 keys, multi-languages/touchpad		
Case Size	17.25" x 13.25" x 9.75" (438 x 337 x 248 mm)		
Power Supply	P4 ready full range ATX 250W with Active PFC		
SKD Weight	11.5kg (25.3lbs)		
Speaker	Built-in amplified speaker		
Carrying Case	Padded carrying case with wheels		
Stabilize Bar	1		
Cooling	1 x 80mm by 25mm		
Case	External chassis-flame retardant ABS plastic/ internal chassis-aluminum alloy color Gold 40s		
Option	Air cargo case with wheels, Transit case, 24V DC power supply		

Environmental Specification

Oper. Temp.	0°C-50°C
Relative Humidity	20-80% (non-condensing)
Shock (operating, all axes)	15g
Vibration (operating, all axes)	1.25g @ 10-100Hz
Compliance	CE & FCC Class B Compliant, UL, cUL, CCIB

HERCULES



For those looking for an extraordinarily expandable portable computing equipment with undying reliability, powerful performance and durability, look no further, the choice is the **Hercules** lunchbox portable computer. The **Hercules** portable system features an incredible expansion capacity and a high degree of flexibility. Designed to accommodate standard ATX size motherboard, the **Hercules** also is also design to accept AT, Alpha motherboards or passive backplane boards. For applications that require a great number of expansion cards, the **Hercules** is available in an industrial model capable of accommodating 10 full-length expansion slots.

The **Hercules!** User friendly, all-in-one design encompasses an adjustable LCD screen and an ergonomically designed flip-top keyboard. The **Hercules** can be easily configured for various applications such as portable database server, communication station, workstation etc. For vehicle-bound, nautical, aeronautical applications the **Hercules** is available with application specific power source. Each **Hercules** is equipped with a handsome carrying case for easy transportation.

Typical Applications:	Features:
<ul style="list-style-type: none"> • Digital video assist • RTC • DA & C prototyping and more 	<ul style="list-style-type: none"> • Large expansion capacity combined with flexibility, reliability and durability • Accommodates standard ATX, Alpha and passive backplane boards • Powerful high -performance workstation in an integrated enclosur • Standard PC components for easy upgrade and maintenance • Customizable for various applications • Seven full -length expansion slots • Ruggedly built for operation under adverse condition

HERCULES Specification

* **New Item Coming Soon!**

	I	II	III	IV
Model No	HTII-700	HTII-701	HTII-750	HTII-751
Motherboard	ATX	SBC	ATX	SBC
Slot	7	10	7	10
Drive Bay	3 x 5.25" 2 x 3.5"		5 x 5.25" 1 x 3.5"	
Color	Charcoal/beige		Charcoal	
LCD Size	14.1"-15.4" (Tilttable)			
LCD Resolution	1024x768, 1280x1024, 1400x1050, *1600x1200			
D/C	ATI M3 chipset AGP card with 16MB or * M6 chipset with 64MB Analog-to-digital conversion board PCI D/C with 4MB Video RAM			
Keyboard/Mouse	108 keys, multi-languages/touchpad			
Case Size	17.25" x 13.25" x 11.25" (438 x 337 x 286 mm)			
Power Supply	Full range PS/2 300W with Active PFC			
SKD Weight	11.5kg (25.3lbs)			
Speaker	Built-in amplified speaker			
Carrying Case	Padded carrying bag with wheels			
Stabilize Bar	1			
Cooling	1 x 80mm by 25mm			
Case	External chassis-flame retardant ABS plastic/internal chassis-aluminum alloy color Gold 40s			
Option	Air cargo case with wheels, Transit case, DC power supply			

Environmental Specification

Oper. Temp.	0°C-50°C
Relative Humidity	20-80% (non-condensing)
Shock (operating, all axes)	15g
Vibration (operating, all axes)	1.25g @ 10-100Hz
Compliance	CE & FCC Class B Compliant, UL, cUL, CCIB

IMP



The Tough Choice

The **IMP** is a robust lunchbox portable computer built using heavy duty metal to provide a tough, go-anywhere unit ideally suitable for harsh/severe environments and mission critical applications. With different backplane board configurations to choose from, the 8 full length expansion slots of the **IMP** can be freely configured with OEM's own data acquisition boards, image capture boards, communication boards or other uniquely designed expansion cards for most applications.

Also designed for harsh environment operations, the LCD screen of the **IMP** is guarded with a specially-treated anti-glare tempered glass for added protection. Every **IMP** comes equipped with dual system cooling side fans and easy access to its expansion ports for immediate system upgrade or maintenance. Functional practicality combined with the simple and polished design, the **IMP** with its extra-rugged construction to sustain bumps and impacted blows is the most cost-effective, durable and efficient portable solution for your mission critical applications.

Typical Applications:	Features:
<ul style="list-style-type: none"> • Military • Manufacturing facilities • Mobile computing and more... 	<ul style="list-style-type: none"> • Robust construction to counter bumps and impacted blows in harsh environments or heavy traffic settings • Eight full -length expansion slots • Dual system cooling fans and easy access to the expansion ports • Anti-glare tempered glass for added protection to the LCD screen • Design to use standard PC components for easy upgrade and maintenance • Versatile all -in-one design for a comfortable and easy system operation • Simple and polished design will enhance the value of the end-product

IMP Metal Specification

* **New Item Coming Soon!**

	I	II	III	IV	V
Model No	IMP-600	IMP-670H	IMP-671H	IMP-670V	IMP-671V
Motherboard	SBC	ATX	SBC	ATX	SBC
Slot	8	7	10	7	10
Drive Bay	2 x 5.25" 1 x 3.5"	2 x 5.25" Horizontal Bay 2 x 3.5" Horizontal Bay		2 x 5.25" Vertical Bay 2 x 3.5" Vertical Bay	
Color	Black	Black		Black	
LCD Size	13.3"-14.1"	15.1"-15.4" (Non-tiltable)			
LCD Resolution	1024x768	1024x768, 1280x1024			
D/C	ATI M3 chipset AGP card with 16MB or * M6 chipset with 64MB Analog-to-digital conversion board PCI D/C with 4MB Video RAM				
Keyboard/Mouse	108 keys, multi-languages/touchpad				
Case Size	15.75"x12.0"x11.31" (400x305x287 mm)	17.75"x10.25"x14" (451x260x356 mm)			
Power Supply	PS/2 ATX 350W with Active PFC	Full range ATX 250W with Active PFC			
SKD Weight	17 kg (37.4 lbs)				
Speaker	Built-in				
Carrying Case	Padded carrying case with wheels				
Stabilize Bar	1				
Cooling	2 x 60 mm	1 x 80 mm			
Case	Heavy duty metal				
Option	Air cargo case with wheels, Transit case, NEMA 4 keyboard, DC power supply				

Environmental Specification

Oper. Temp.	0°C-50°C
Relative Humidity	20-80% (non-condensing)
Shock (operating, all axes)	15g
Vibration (operating, all axes)	1.25g @ 10-100Hz
Compliance	CE & FCC Class B Compliant, UL, cUL, CCIB

COMMANDER



For those who are looking for an extraordinary expandable portable computing equipment with long lasting reliability, powerful performance and durability, look no further; the choice is the **Commander**. **Commander** is powered by Sun Microelectronics' SPARCengine™ Ultra AXi motherboard and the UltraSPARC Ili processor. It offers a high performance, low cost solution to OEMs in the high-performance embedded internet/telecommunication server / workstation markets. **Commander** delivers a unique combination of mobility, reliability, performance, and affordability by combining Sun's proven UltraSPARC Driven™ and Solaris technologies with Acme's rugged portable configurations.

Commander is user friendly, all-in-one design encompasses an adjustable LCD screen and an ergonomical design flip-top keyboard. **Commander** can be easily configured for various applications such as portable database server, communication station, mobile workstation, and more.

Powered by SPARCengine™ Ultra™ AXi

The SPARCengine™ Ultra™ AXi offers a high-performance solution for embedded applications at a low cost. Designed to meet critical communications, networking and imaging requirements, the SPARCengine Ultra™ AXi provides OEM customers with an ideal platform for applications in the internet / telco and medical imaging market.

Also, the unique design of SPARCengine™ Ultra™ AXi motherboard allows for upgradable UltraSPARC Ili processors, features integrated dual-channel Ultra-wide SCSI, six 32-bit PCI slots, and supports up to 1GB of memory.

Typical Applications:	Features:
<ul style="list-style-type: none"> • On-site training, demonstration and maintenance • Mobile network infrastructure devices • Portable internet/intranet server • Medical imaging • High-performance embedded devices • Telco adjunct server • And more... 	<ul style="list-style-type: none"> • Portability and scalability • Flicker free, low power consumption 13.3", 14.1", 15.1" TFT LCD screen w/ 1024x768 resolution • Rugged construction • SPARCengine™ Ultra™ AXi motherboard • UltraSPARC Ili 360/440 with 2MB cache processors • Integrated dual-channel ultra-wide SCSI • Six PCI slots • Up to 1GB of memory • Two external 3.5" bays, and two external 5.25" • 250 Watt power supply

Commander Specification

	I
Model No	CSP-440
Motherboard	SPARCengine™ Ultra™ Axi
Slot	6 PCI
Drive Bay	2 x 5.25" 2 x 3.5"
Color	Black
LCD Size	14.1"-15.4" (Non-tiltable)
LCD Resolution	1024x768, 1280x1024
D/C	PCI D/C w/ 4MB Video RAM with Analog-to-digital conversion board
Keyboard/Mouse	108 keys, multi-languages/touchpad
Case Size	17.75"x10.25"x14" (451x260x356 mm)
Power Supply	300W auto-switching
SKD Weight	17.0 kg (37.4 lbs)
Speaker	Built-in
Carrying Case	Padded carrying bag with wheels
Stabilize Bart	1
Cooling	Internal system cooling fan
Case	Heavy duty metal
Option	Air cargo case with wheels, Transit case

Mechanical Environment

Oper. Temp.	0°C-50°C
Relative Humidity	20-80% (non-condensing)
Shock (operating, all axes)	15g
Vibration (operating, all axes)	1.25g @ 10-100Hz
Compliance	CE, FCC Class B, UL, cUL, CCIB Compliant