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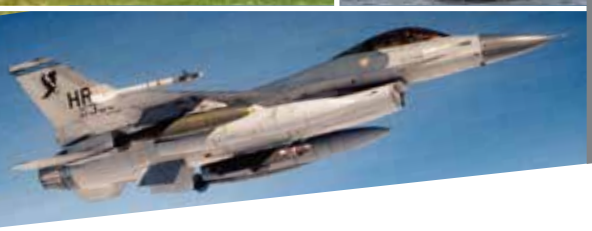
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Find the *Atrenne / Hybricon SRME-3* at our website: *Click HERE*







Fact Sheet

Hybricon®
SRME 3U Enclosure



Features

- High-quality construction
- Superior cooling for low profile design
- AC and DC line inputs available
- Custom configurations and integration services available
- 3U, 19" rackmount enclosure
- Supports up to six slots
- CompactPCI® (cPCI), VME64x and VME backplanes available
- IEEE 1101.10/11 compliant card cage
- Pac-2000® modular design
- Advanced cooling design:
  - Patented CoolSlot® air deflecting card guides optimize airflow
  - Hot swap removable side fan tray with high-performance DC fans
  - Side-to-side airflow path
  - Cooling of both front cards and rear transition cards
- Thermal simulation of enclosure
  - 415 LFM per front slot average, sufficient to cool 1-3 power supplies and 60 W per front slot
  - Rear transition card airflow sufficient to cool >10 W per slot
- Supports optional in-rack peripheral devices

Table 1: Technology Overview

Physical	
Width	17.52" (445.01 mm)
Height	3U, 5.22" (132.59 mm)
Depth	11.96" (303.78 mm)
Weight	11 lbs
Finish	Black powder coat paint
Construction	
Top and Bottom	.090" thick aluminum, 5052-H32 with black paint
Card Guides	Molded plastic, Noryl N190X black (red for cPCI system slot), UL94-V0
Tapped Strips	Carbon steel bar stock with zinc plating and supplementary chromate treatment
ESD Ground Clip	Beryllium copper, alloy C17400, 1/2 HT, with bright tin plating/MIL-T-10727
Environmental	
Temperature	Operating: -20 to +40 °C
Flammability Rating	UL94-V0
Safety Agencies	Designed to meet UL60950; CSA 22.2 #234; TÜV EN60950
EMC	Designed to meet FCC Part 15, Subpart J, Class A; CISPR 22, Class A. Standard unit designed for EMI containment of frequencies up to 250-500 MHz.
Earthing	ESD ground clip designed to comply with IEEE 1101.11 Section 15, IEC 60950 Section 2, and PICMG 2.5 R1.0
Single/Dual 10 A AC Line Input	
• x1 or x2 10 A line cord (U.S. 110 V style) provided • x1 or x2 Fused rear line voltage inlet connector with RFI line filter • x1 or x2 Rear power switch • AC Input: 100-240 VAC	
Single/Dual DC 20 A Line Input	
• x1 or x2 Rear terminal block inlets (each inlet feeds separate power supply) • Filtered rear circuit breaker • DC Input: 48 VDC nominal, 36-72 VDC range	

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Table 2: Ordering Information

Part Number: SRME-	Installation Slots	3	X	X	XX	1
Configuration						
(3) = 3U high, 6U x4-slot card cage, 160 mm front, 80 mm rear (see Note 1), 11.96" deep		3				
Power Supply (see Note 2)						
(1) = Wired for x1 3U cPCI, style Hot Swap power supply (see Note 3)	1-2 front, 3U section					
(2) = Wired for x2 3U cPCI, style Hot Swap power supplies (see Note 3)	1-4 front, 3U section					
(3) = Wired for x3 3U cPCI, style Hot Swap power supplies (see Note 3)	1-6 front, 3U section		X			
(4) = Embedded 150 W ATX power supply	Rear, 3U section					
(5) = Embedded 350 W ATX power supply	Rear, 3U section					
Power Inlet						
(1) = Single 10 AAC inlet, recommended for single or dual redundant cPCI style Hot Swap power supply configurations. Must select this option for ATX power supply.	Rear, 3U section					
(2) = Dual 10 AAC inlet, recommended for dual non-redundant or triple cPCI style Hot Swap power supply configurations. Not available with ATX power supply.	Rear, 3U section					
(3) = Single 20 ADC inlet terminal block, recommended for single DC cPCI style Hot Swap power supply configurations. Not available with ATX power supply.	Rear, 3U section			X		
(4) = Dual 20 ADC inlet terminal block, recommended for dual and triple DC cPCI style Hot Swap power supply configurations. Not available with ATX power supply.	Rear, 3U section					
Backplane						
(C4) = cPCI, 5 V 4-slot left hand (bottom system slot)***	1-4 front, 6U section					
(H4) = cPCI, 5 V 4-Slot left hand H.110 (bottom system slot)***	1-4 front, 6U section					
(V4) = VME 4-slot	1-4 front, 6U section					
(X4) = VME64X 4-slot	1-4 front, 6U section					
(C5) = cPCI, 5 V 5-slot left hand (bottom system slot)***	1-5 front, 6U section					
(H5) = cPCI, 5 V 5-slot left hand H.110 (bottom system slot)***	1-6 front, 6U section					
(V5) = VME 5-slot	1-5 front, 6U section				XX	
(X5) = VME64x 5-slot	1-5 front, 6U section					
(C6) = cPCI, 5 V 6-slot left hand (bottom system slot)***	1-6 front, 6U section					
(H6) = cPCI, 5 V 6-slot left hand H.110 (bottom system slot)***	1-6 front, 6U section					
(V6) = VME 6-slot	1-6 front, 6U section					
(X6) = VME64x 6-slot	1-6 front, 6U section					
(C35) = 3U cPCI, 5 V 5-slot left hand (bottom system slot)***	1-5 front, half 6U section					
Cooling						
(1) = Fan tray without monitoring, contact factory for fan tray with monitoring						X

Notes:
1. Consult factory for VME or VME64x rear transition area card guides
2. 3U cPCI, Style Hot Swap power supplies ordered separately
3. Mounted horizontally

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