![Atrenne, A Celestica Company logo]
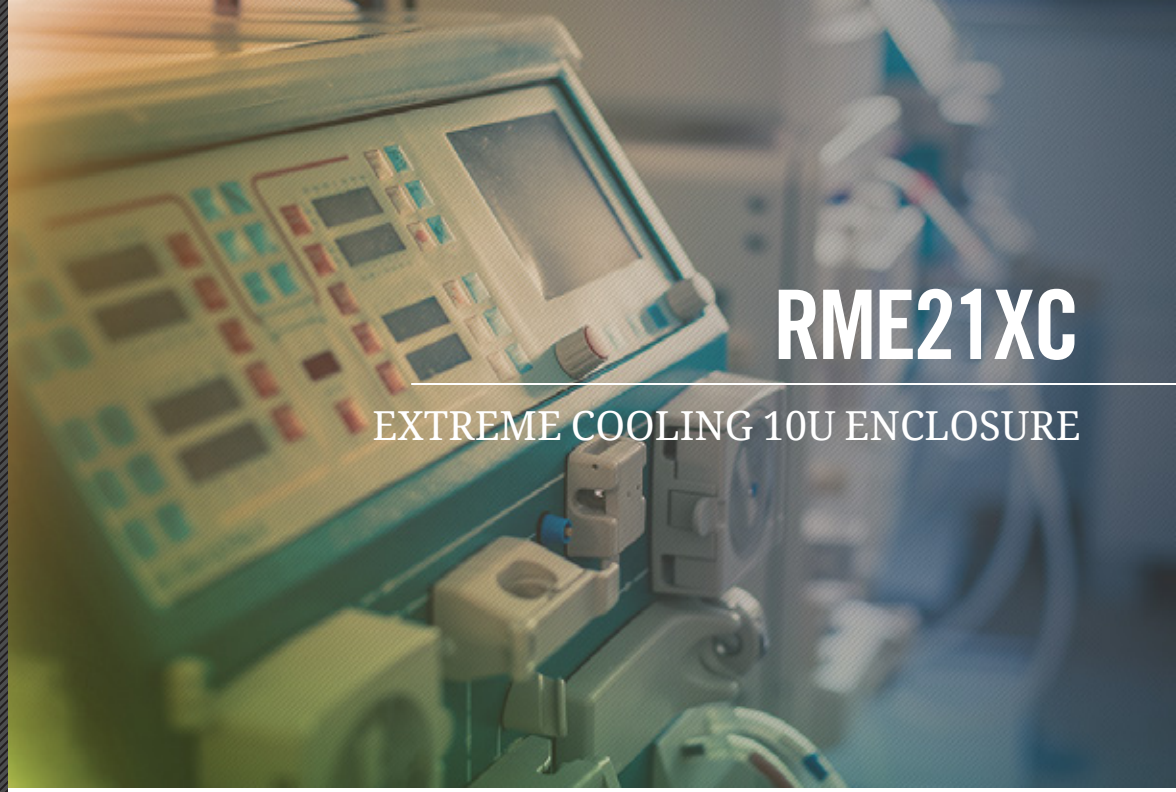
RME21XC

EXTREME COOLING 10U ENCLOSURE

FEATURES

- Extreme cooling for up to 100 W per slot

- High-quality ruggedized construction

- Supports full 21-slot backplane with unobstructed rear transition slots

- Custom configurations and system integration services available

- 19" rackmount enclosure

- 6U 21-slot CompactPCI® (cPCI), VME64x, VME, VXS, VPX backplanes available

- Air-cooled: lower front air intake/top rear exhaust

- 16 CFM/slot average airflow

- Hot swap removable fan tray with 330 CFM cooling capacity, mounted below card cage

TABLE 1: TECHNOLOGY OVERVIEW

PHYSICAL	
Width	17.38" (441.45 mm)
Height	17.47" (443.74 mm)
Depth	21.00" (533.40 mm)
POWER	
Input	Standard 85-264 VAC
Total Output Watts	Up to 1750 W embedded power
Output Rails/Amps	· +3.3 VDC @ 15 Amps · -12 VDC @ 8.3 Amps · +5 VDC @ 160 Amps · +12 VDC @ 50 Amps · Fans +12 @ 16.7 Amps
ENVIRONMENTAL	
Temperature	· Operating: 0 to +40 ºC · Storage: -40 to +70 ºC
Altitude	10,000 MSL
Humidity	5-95% non-condensing
Shock/Vibration	MIL-S-901/MIL-STD-167-1
EMI/EMC	Designed to meet FCC Part 15, Subpart J, Class A; CISPR 22, Class A

TABLE 2: ORDERING INFORMATION

PART NUMBER: RME21XC-	X	X	X-	XXXX
POWER SUPPLY				
(1) = 1000 W internal embedded power supply mounted in rear (2) = 1600 W internal embedded power supply mounted in rear (3) = 1400 W internal embedded power supply mounted in rear (4) = 1450 W internal embedded power supply mounted in rear (5) = 1600 W internal embedded power supply mounted in rear (VPX configuration)	X			
POWER INLET				
(A) = 20 A 115 VAC inlet (B) = 15 A 220 VAC inlet		X		
COOLING				
(2) = Bottom 3U fan tray with 330 CFM high capacity fans plus fan controller with speed control and fan fail LED			X-	
BACKPLANE				
(CP21) = PICMG 2.16 cPCI Packet Switching backplane, 5 V, 21 slots, PICMG 2.9 IPMB to all slots, no to all slots, no PCI bus, power on P1 and rear I/O on P2, 2 fabric slots, 19 node slots (see Note 1) (HP21) = PICMG 2.16 cPCI Packet Switching backplane, 5 V, 21 slots, 17 slots H.110, PICMG 2.9 IPMB to all slots, no PCI bus, power on P1 and rear I/O on P2, 2 fabric slots, 19 node slots (see Note 1) (V021) = VME 21-slot backplane (VX21) = VME64x 21-slot backplane with J0 connectors (V721) = RACEway certified high power VITA 1.7 compliant VME64x 21-slot backplane with J0 connectors (VP21) = VITA 31.1 Gigabit Ethernet VME64x backplane, VITA 38 IPMB to all slots, 2 fabric slots, 19 node slots (XN21) = VITA 41.1 VXS InfiniBand Switch Fabric backplane, 21 slots, VITA 38 IPMB to all slots, 2 switch slots, 18 payload/VME64x slots, 1 standard VME64x slot (XR21) = VITA 41.2 VXS RapidIO Switch Fabric backplane, 21 slots, VITA 38 IPMB to all slots, 2 switch slots,18 payload/VME64x slots, 1 standard VME64x slot (XG21) = VITA 41.3 VXS Gigabit Ethernet Switch Fabric backplane, 21 slots, VITA 38 IPMB to all slots, 2 switch slots,18 payload/VME64x slots, 1 standard VME64x slot (VPX12) = VITA 46/48 VPX REDI 1" pitch 12-slot backplane with VITA 46.1 VME Bus & VITA 46.10 RTM				XXXX

Note:
1. Consult factory for VME or VME64x rear transition area card guides

WARRANTY

This product has a one year warranty.

CONTACT INFORMATION

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