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Find the *Abaco Systems / Ramix RM220-D-SR* at our website: ***Click HERE***

products

search RAMiX

Memory

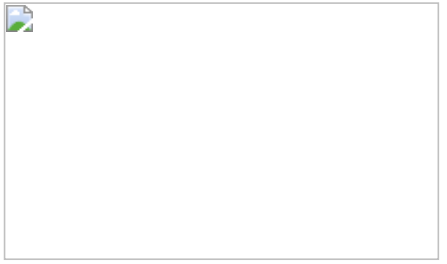
firmware support
software support
specifications

PMC550
PMC551
PMC555
PMC557
RM128
RM138
RM139
RM140
RM142
RM149
RM200
RM220
RM250

Storage
Managed Switches
Unmanaged Switches
Host Bus Adapters
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Gigabit Ethernet Controllers
Serial Communications
PMC Expansion
Firewire
RACEway
TAXI Interface
Specialty Products
ATM

RM220 NVRAM VME memory module

Designed for applications that require high performance, fault tolerant memory, the RM220 provides up to 64Mbyte of non-volatile memory. It can be configured with different memory technologies, to best serve the application requirements. Memory options are SRAM, 5V or 12V FLASH. Two lithium batteries are on board for backup power when the RM220 is populated with SRAM memories.



RM220 functional specifications

capacity	1 Mbytes to 64 Mbytes
access time	50/90 nSec Write Cycle 90/150 nSec Read Cycle (User Selectable)
block transfer	VME 256/1024 Bytes
compatibility	VMEbus Rev.C1 **Address** A16/A24/A32 **Data** D8/D16/D32 (UAT)
address selection	Selectable VME address for installed memory at any 1Mbyte (100000 hex) boundaries
I/O address	Selection of VME short I/O address (A16) in the 0-64Kbyte address range.
on board battery	SRAM is backed up by two on-board lithium batteries to provide data retention in the event of power failure. Battery failure will be detected by a LED indicator and CSR bit.

Electrical / Mechanical

power	2.1A @ 5V
size	Standard 6U VME
operating temperature	0° C to +65° C
storage temperature	-40° C to + 80° C
relative humidity	5% to 95% (non-condensing)

Ordering info

When ordering specify the RM220 model followed by memory capacity using the following guide.

part number	RM220	
capacity	(N) No memory	(D) 8 Mbytes
	(A) 1 Mbyte	(E) 16 Mytes
	(B) 2 Mbytes	(F) 32 Mbytes
	(C) 4 Mbytes	(G) 64 Mbytes
type	(5F) 5V FLASH	(12F) 12V Flash
	(EP) EPROM	(SR) SRAM
example	RM220-F-SR// RM220 with 32 Mbyte of SRAM memory installed	

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