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Find the *Mercury Computer Systems RACE MCJ6* at our website: *Click HERE*

Mercury Race Series MCJ6 Motherboard
Specifications
Electrical/Mechanical Specifications

Input voltage:
4.75 to 5.25 VDC

Power (exclusive of daughtercards):
MCJ6: 5W at 5 VDC
MCJ9: 15W* at 5 VDC

*Maximum configuration. Power consumption of MCJ9 varies with the number and type of daughtercards due to power conversion circuitry on the motherboard. Minimum efficiency in conversion from 5V to 3.3V used by some daughtercards is 85%.

Dimensions:
MCJ6: 6.30 x 9.19 in
MCJ9: 14.44 x 15.75 in

Slot-to-slot spacing:
0.8 in

Weight without daughtercards:
MCJ6: 0.8 lb
MCJ9: 3.0 lb

Environmental Specifications
Mercury offers multiple categories of environmental ruggedness for MCJ Series motherboards. The specifications detailed below are for the MCJ Series motherboards for standard commercial environments.

Recommended minimum airflow (per slot):
MCJ6: 10 CFM
MCJ9: 24 CFM

Operating temperature:
0°C to 40°C up to an altitude of 10,000 ft
(inlet air temperature at recommended minimum airflow)

Storage temperature:
-40°C to +85°C

Relative humidity:
10 to 90% (non-condensing)

Ordering Information
MCJ6:
Part number: 910-08000
Model number: MCJ6
Description: 6U VME RACE++ motherboards 160-pin (5-row) connectors

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