

View Online at <https://aerobasegroup.com/nsn/6610-01-372-8170>

Mounting Type:

Rack

Alternating Current Voltage Rating In Volts:

115.0

End Application:

F-16 aircraft

Unpackaged Unit Length:

12.560 inches

Unpackaged Unit Width:

6.200 inches

Unpackaged Unit Height:

6.940 inches

Power Source:

External

Input Intelligence Type:

Air density and air pressure and altitude, general data and air temperature and pressure altitude and angle of attack and speed and true air speed and true angle of attack

Intelligence Input Method:

Air or electrical

Phase:

Single

Frequency In Hertz:

400.0

Relationship To Similar Equipment:

Differences from cpu-136/a: a; outputs not used in cpu-136/a have been deleted. One test connector has been deleted. Memory and hardware growth are increased. B; new data word is transmitted on the mux bus for aircraft maintenance fault code reporting/fault isolation enhancements. C; reliability has been increased. D; air data computer will be maintained at 2 levels in lieu of 3. E; new air data computer can be substituted for cpu-136/a but not vice versa. This is required to prevent demodification of updated aircraft that will not have i-level air data support required for cpu-136/a.

Type/model Designation:

Cpu-187/a

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

A30800