

Aviation Computer 2.4GHz, 32GBFlash Model N20125



Description: This is the premier computer for airborne mapping systems and gimbal control. This computer is designed from the ground up to operate in the temperature and vibration regimes of fixed wing aircraft and rotorcraft. The features of this control are:

- High performance Core 2 Duo Microprocessor.
 - 800MHz Front Side Bus.
 - 2.4GHz Processor Speed.
 - Overtemperature Alarms.
- Large Memory Capacity.
 - 4GByte Max Memory, 2GByte standard installed.
 - Up to 224MByte VGA memory (shared).
- High Port Capacity.
 - 4 RS232 and 6 USB ports available.
- Internal components shock mounted for aircraft installation.
- Unit rated to 130F Ambient Temperature Operation.
- Dual 10/100base-T Ethernet interface standard.
- 15 pin VGA for monitor, PS/2 or USB for mouse and keyboard.
- Secure, threaded power connector, wide input voltage tolerance.
- 9.5" wide by 10.25" deep by 3" high, 11 pounds.

Environmental:

Operating Temperature: -10 to +55C (with fan cooling).

Storage Temperature: -20 to +80C

Humidity: 10% to 90%, non-condensing

Shock: 10G top or bottom

10G either side

2G front or back (connectors located in front panel)

ESD Sensitivity: All inputs and outputs safe to 15kV human body model

Electrical Specifications:

- Computer Power: 10 - 32VDC, 3A maximum, 4A startup surge.
- Power Dissipation: 70W maximum.

Options

Computers may be ordered with memory, hard drive, and processor speed different than the standard system. To formulate a final product number, add the qualification codes from the list below to the series root number (N20125). Contact Nova Research for more information.

For information or assistance please contact:

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Mounting Diagram

