



## AePC

It manages all acquired data and controls all the sensors.

The reinforced aluminum design and the use of LEMO secure connectors.

DC input Voltage between 16 V and 50 V.

AePC is controlled by AeMission, a development software by Aerolaser.

It uses SSD disks to store acquired data from sensors.

The power consumption of the equipment is around 100 W.

“AePC is the control and management equipment during the flight”

It is the PC's control system, responsible for the management of the acquired data and the control of all the system's sensor during the data acquisition.

Its integrated Intel i7 6700K CPU and DDR4 RAM memory offer an excellent performance when running applications. Its two SSD 1TB discs provide a much longer operational time and prevent data loss due to vibrations.



The combination of reinforced aluminum in its design and the use of LEMO connectors make it most suitable for operating under adverse conditions.

AePC is connected directly to the auxiliary connection of the aircraft. Its wide power supply range makes it easier to use on any aircraft, without connecting external power supplies. The power supply used in the AePC is Vicor, specially designed for aerial applications, avoiding interference in communications. Its careful development allows the AePC to feed all the sensors of the system, optimizing the wiring and the number of components.



### MAIN FEATURES

|               |  |
|---------------|--|
| CPU           | i76700K  |
| RAM Memory    | 8 GB DDR4 2133 MHz                               |
| Storage       | 2 Tb SSD   |
| Graphics      | LVDS, HDMI, DVI-D<br>Display Port (Multidisplay) |
| USB 3.0       | 6 connectors                                     |
| Ethernet      | 2 connectors                                     |
| Serial        | 2 connectors                                     |
| Connectors    | Lemo   |
| Dimensions    | 320 x 230 mm                                     |
| Weight        | 4 Kg   |
| Input voltage | 16 DC to 50 DC                                   |
| Power         | 100 W  |

AePC includes Windows 10 and AeMission license.

