



AePC Rack

AePC manages all acquired data and controls all the sensors.

It use of LEMO secure connectors and it is designed for 19" racks.

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 190 W.

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

AEROLASER
ADVANCED LIDAR TECHNOLOGIES



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 7700 CPU and DDR4 RAM memory offer an excellent performance when running applications. Its four 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 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	i7 7700
RAM Memory	8 GB DDR4 2133 MHz
Storage	4 Tb SSD
Graphics	HDMI, DVI-D Display Port (Multidisplay)
USB 3.0	6 + 4 (optional) connectors
Ethernet	2 connectors
Serial	4 connectors
Connectors	Lemo
Dimensions	428 x 381 x 88,6 mm
Weight	8 Kg
Input voltage	16 DC to 50 DC
Power output	Up to 640 W / limited 400 W

AePC includes Windows 10 and AeMission license.



AEROLASER SYSTEM S.L.

comercial@aerolaser.es

www.aerolaser.es

