



ION Fortress 500 offers you all the capability of a data centre in a small, easy to manage and easy to deploy unit. This complete IT infrastructure acts like a complete “data centre in a rack” incorporating power, thermal management, power distribution, monitoring and infrastructure all in a sound attenuated enclosure. Perfect for businesses that want to add IT capacity into an OCE environment or to rapidly build on their existing data centre – eliminating any need to build additional server rooms. ION Fortress 500 is preconfigured, pre-installed and factory tested, ensuring system compatibility and ready to use from installation on day one.



Fortress 500 FEATURES

- 2 year warranty*
- High grade powder coated construction
- Fully contained for dust protection and sound minimisation
- Access control through choice of biometric access, swipe cards, bi-lock or PIN pad
- Environment and security monitoring.
- Emergency exhaust venting
- Standard 3kVA online double conversion UPS
- Efficient 3kW cooling unit
- Power distribution
- 25.5cm user friendly touch panel

Fortress 500

Data Centre

Specifications

	Fortress 500
Features	
Rack Height	42 RU
Useable U (Standard Configuration)	32RU
Maximum Depth of Equipment	1023 mm
Vertical Cable Managers	2
UPS Capacity	3000VA / 2700W - Online Double Conversion
Surge Protection	Included
Nominal Voltage / Frequency	240VAC, 50Hz
Cooling Capacity	3kW
Cooling Type	Air Cooled
Refrigerant	R410A
Display panel	25.5cm Touch Panel LCD
Display Languages	English
Internal Lighting	LED Strip Front and Rear
System Input Breaker	80A, Single Phase
(UPS/Cooling/PDU)	Yes
Power Distribution Units (PDU)	16A PDU, 18 x C13, 6x C19
Lightning Protection / Surge Suppression	Level 3, 20KA
Emergency Exhaust Fan	One at Front Bottom; One at Rear Top
Temperature	Sensor 2
Water Leak Detection	1 x 5 Metres
Door Access	Sensor 2
Safety Standards	EN 60950-1:2006+A11:2009+A1:2010+A12: 2011+A2:2013
EMC Standards	EN 55022:2010 EN 61000-3-11:2000, EN 55024:2010 EN 61000-3-12:2011
Audible Noise	< 50dB (Excluding Outdoor Unit)
Shipping Weight	438 kg net
Weight	348 kg
Warranty	3 Year Parts Warranty*
Redundancy	Optional
Number of Pdu'S	2
Environmental	Temperature, Humidity, Smoke, Water in Rack
Cooling Emergency	2 x Independent Temperature Controlled Exhaust Fan (Front and Rear)
Fire Suppression	Optional FM200
Access Control	Keypad, HID Swipe Card Reader, Remote Authentication
Dimensions - Data Cabinet (H x D x W)	2060mm x 1220mm x 600mm, 135kg
Dimensions - Condenser (H x D x W)	783mm x 279mm x 546mm, 40kg

*Product specifications are subject to change without further notice.

*2 year warranty on Fortress 500 please refer to the ION website for more information.