

MODEL 1500

INDUSTRIAL GRADE SEALED ENCLOSURE w/ COTS PRINTER



The Model 1500 is specifically designed as a compact, low cost, universal industrial-grade electronic enclosure ideally suited to house a “drop-in” COTS printer out of the box using a universal hold down mechanism. This model offers the protection of an aluminum enclosure, utilizes power filtering, and is sealed with filtered air intake/exhaust openings that extend the life of the installed printer.

The enclosure is ideally suited for industrial environments such as construction sites, mines, paper and textile mills and other challenging applications requiring light ruggedization with dust/moisture protection. Although the Model 1500 enclosure is a very robust, it is not designed to handle extreme conditions such as MIL-grade shock and vibration, extreme temperatures and EMI/EMC emissions.

The modular enclosure includes an integral sealed power cord and built in sealed RJ45 and USB panel mount connectors with dust caps. A variety of options are available such as wi-fi, a heater for -10°C operation, and an external industrial shock tray for vehicle applications.

The enclosure includes additional storage space for a spare toner cartridge or can serve as a charging station for multiple tablet computers or smart phones through the use of 3 additional internal power outlets.

The Model 1500 enclosure can be purchased from NIS with a pre-installed printer, or purchased as an empty enclosure in support of a customer provided printer. The printer can be purchased from other market suppliers by the customer and field-installed with minimum resources. The Model 1500 is limited with its initial release to a list of NIS prequalified black and white laser printers that can be used.

Other sizes and options will become available, contact NIS for details.

For more information visit our web site: www.novaintegration.com

- › **Designed to accommodate a variety of printers through the use of generic hold down brackets**
- › **Can be purchased as an empty electronics enclosure without the printer installed**
- › **Sealed from sand/dust with gasketed doors and filtered air intake/exhaust**
- › **Sealed from moisture with gasketed doors, IP67 connectors, and louvered air intake/exhaust openings**
- › **Input power options:**
 - 110 VAC @ 60 Hz**
 - 220 VAC @ 50 Hz**
 - 18 - 32 VDC w/ external inverter**
- › **Tabletop, rackmount and industrial shock tray mounting**
- › **Sealed USB and Ethernet connectors with an optional Wifi repeater or hotspot antenna**
- › **Hinged top cover for paper retrieval, cartridge replacement and control panel access**
- › **Exterior paint is MIL-grade black unless otherwise requested**



FEATURES & CHARACTERISTICS

Construction	Universal light-weight industrial-grade all aluminum enclosure
Printer mounting	Generic hold downs for approved printer models
Maintenance	Customer serviced as a "field replaceable device" Removable washable air filters
Temperature, operating	5°C to +40°C -10°C to +40°C w/ optional heater
Temperature, non-operating	-20°C to +71°C
Sand/dust and rain	IP64 rated enclosure Gasketed doors and louvered air intake / exhaust openings Filtered air intake / exhaust
Dimensions	(6U) 10.5" H x 17.39" W x 23.375" D (including hardware)
Weight	14 lbs. (without printer installed)
Mounting	Tabletop, rackmount and industrial shock tray
Other options	Sealed mating cables in various lengths and configurations Keylocks on all doors Available as an empty electronics enclosure without printer

APPROVED PRINTER MODELS

B&W Laser	Brother HL-L2305W Brother HL-L2300D Brother HL-L2320D	Brother HL-L2340DW Brother HL-L2360DW (Default)
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Contact factory for additional print engines or custom requirements

ELECTRICAL CHARACTERISTICS

Input power (standard)	110 VAC @ 60 Hz 220 VAC @ 50 Hz
Input power (optional)	18-32 VDC with external inverter
Power consumption (max)	480W (laser printer installed) Add 50W with heater installation
EMI filtering	Industrial grade power input EMI filter installed
Data interface	10/100 Ethernet via sealed RJ45 USB 2.0 via sealed USB Type B Female Wifi (optional) Hotspot antenna (optional)

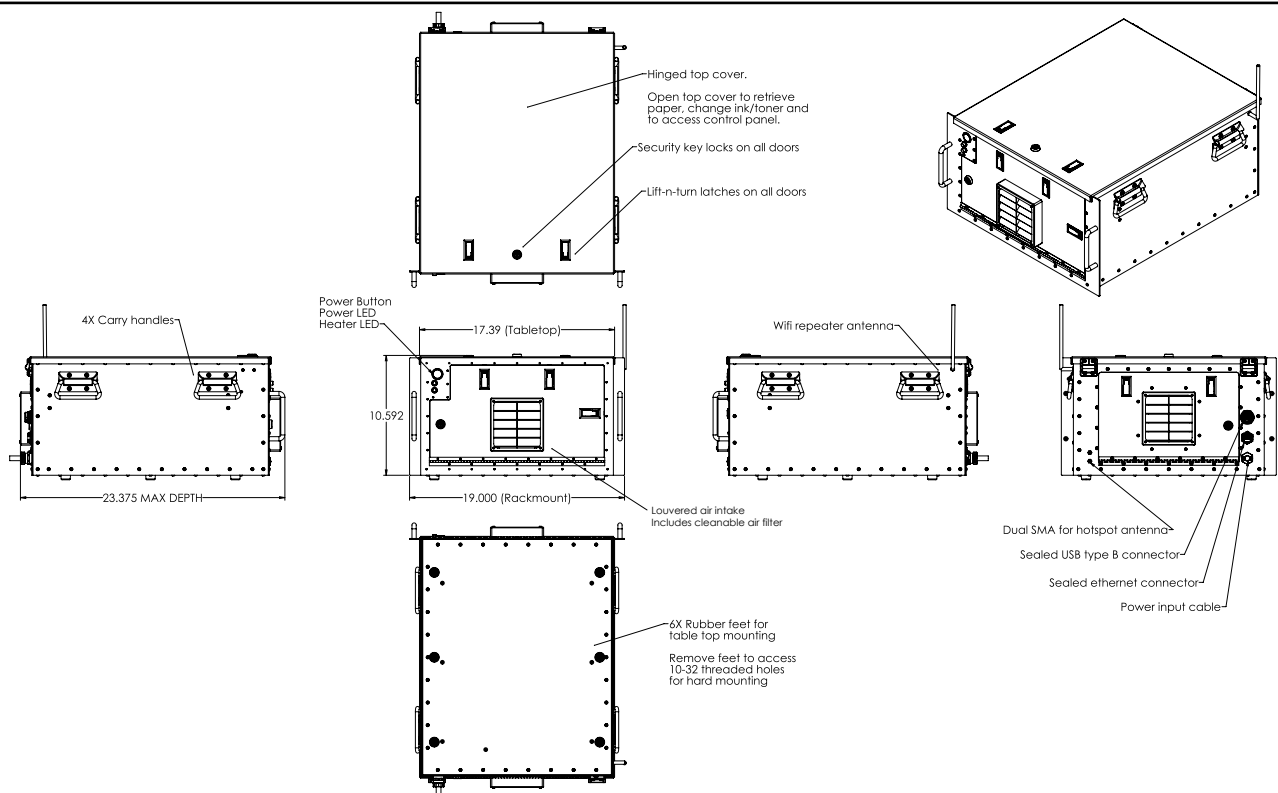
ORDERING TABLE

95-1501-MPT00-00X

0	3	0	1
MOUNTING	PRINTER	OPTIONS	CONFIG.
0 Tabletop	3 Laser, B&W (110V)	0 None	1 Standard
2 Rackmount	4 Laser, B&W (220V)	1 Heater	x Customer Specific
4 Shock Tray	9 No printer installed	2 Wifi	
		3 Heater & Wifi	

Contact factory for additional configurations and options including cellular hotspots and antennas.

OUTLINE DRAWING



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