

BRETFORD BASICS™

INTELLIGENT NOTEBOOK STORAGE CARTS

LAP20ULH-CT



The LAP20ULH Cart has been tested by Underwriter Laboratories to UL 60950 Safety of Informational Technology Standards for the United States and Canadian markets.



FEATURES

- Welded and fully assembled at the factory, simply uncrate and use to store and charges up to 20 laptop computers. Room provided on the top shelf for a work surface or for use with printers. Laptops lay flat when storing and charging and feature an easy to use labeling system that coordinates each laptop with a power source.
- Includes two 10-outlet electrical units with overload protection and on/off switch for charging laptops and powering other equipment. Electrical units are powered through the Power Management System, or Brain, which regulates the power and allows all 20 computers to charge from a single outlet without the use of a timer.
- The Power Management System operates in three power modes, Round Robin Mode for charging all laptops through power cycling, Turbo Mode that dedicates power to a single computer bank and charges 10 laptops quickly, or Auxiliary Mode, which shuts power off from the laptop electrical banks and provides power on top for printers or scanners.
- When charging computers the Power Management System constantly monitors the battery needs and reduces power as they become fully charged to keep them within thermal limits and extend battery life. In Round Robin Mode, battery charge is monitored and power sent to the bank most discharged. Power cycles through both banks and all laptops are charged together.
- Rear access Cable Closet provides access to power outlets and laptop cords while providing a place to keep the laptop power transformers. Divider wall reduces the amount of heat that can reach the computer, keeping them cooler and extending battery life.
- Hidden 1 amp outlet provides power for a wireless device and is always live when the Power Management System is switched to on.
- The cabinet is perforated on all sides to allow air to circulate and the vent heat from equipment when charging.
- Cabinet doors bolt closed with padlocks to help deter theft and top and bottom shelves overlap the doors, making entry by pry bar difficult. Two user programmable padlocks included.
- Easy rolling 5" casters all swivel for tight spaces and two may be fixed to provide added control when moving down a hall. Top shelf handles provide added control.
- Welded construction with an average of 30% post-consumer recycled steel. Laptop computer carts are certified to GREENGUARD Children & Schools Indoor Air Quality standards.

A HIGHER FORM OF FUNCTION



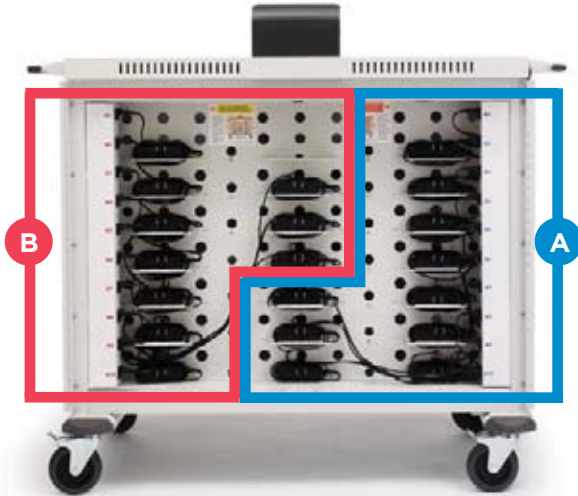
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DIMENSIONS

LAP20ULH Overall:	43-3/8" w x 27-3/8" d x 45-1/8" h
Overall Laptop Shelf Size:	39" w x 15-3/4" d x 3" h
Space for Each Laptop:	13" w x 15-3/4" d x 3" h
Laptop Transformer Shelf:	6" w x 3-1/4" d x 3-3/8" h
Top Shelf:	42" w x 26" d x 40-1/2" h
PMS (Brain) Footprint:	8" w x 4-1/2" d x 4-3/4" h
Handle:	3-5/8" d x 25-1/4" l

REAR CABLE CLOSET POWER MANAGEMENT

The rear cable closet provides organization for computer power transformers and is divided into two 10-outlet power banks, Bank A and Bank B. A labeling system is included to coordinate computers in the front with power in the back.



STANDARD COLOR & FINISH

Concrete (-CT) powder paint

WEIGHT, FRT CLASS, CARTON DIMS & UPC CODE

LAP20ULH-CT: 275 lbs., Freight class 125

Ships assembled in one (1) carton via LTL freight only

LAP20ULH-CT - 0 96633 31445 4

Box Dims: 48-1/2" w x 33" d x 50" h / 275 lbs.

Note: All computer carts are secured to a 42" w x 30" d skid at the time of shipping. Carriers are instructed not to remove the product from the skid to prevent damage.

SAFETY RATING SPECIFICATIONS

The LAP20ULH laptop storage cart has been tested by Underwriter Laboratories and certified to comply with UL 60950 Standards for Safety of Informational Technology. Certified for the United States and Canadian markets.

ENVIRONMENTAL SPECIFICATIONS

Carts are constructed using "prime" steel which has a 25% to 35% post-consumer recycled content. All steel components are recyclable at the end of the product life cycle. Components are finished in environmentally friendly powder paint that reduces VOCs. Laptop carts are certified to GREENGUARD Children & Schools Indoor Air Quality standards.



MADE IN THE USA

LAP20ULH laptop storage carts are made at Bretford's Chicago area manufacturing facility using union labor.

POWER MANAGEMENT SYSTEM SPECIFICATIONS

The Power Management System monument, or Brain, mounts above the top shelf and uses a microchip to distribute power and decrease laptop battery heat and electrical stress. As batteries near full charge, the electrical current is reduced to keep batteries within their thermal limit and extend useful life. A push button cycles between three power modes and LED lights indicate what functions are being performed. **Round Robin Mode** monitors the power draw on each 10-outlet electrical bank and provides power to the bank with the most discharged computers. Power needs are regularly evaluated, sending power to the most discharged batteries, allowing all computers to be charged at once from a single power circuit. **Turbo Mode** dedicates power to one power bank, charging 10 computers rapidly. **Auxiliary Mode** shuts power off to both laptop power banks and diverts it to auxiliary outlets on the Power Management System monument for a printer or scanner. The Power Management System is controlled by an on/off switch and features a 12' power cord.

WIRELESS DEVICE POWER SPECIFICATIONS

A 1 amp electrical outlet is located inside the Cable Closet to provide power to a wireless router. Power is controlled by the on/off switch on the Power Management System monument and the outlet is always powered regardless of the power mode selection.

CART ASSEMBLY SPECIFICATIONS

Assembled Notebook Storage Cart has one (1) 42" w x 26" d, 16-gauge steel top shelf, which includes a Power Management System control monument mounted at center rear. The underside of the work surface has two (2) stiffeners and four (4) corner braces all 16-gauge steel. Cart also has one (1) 42" w x 26" d, 18-gauge steel bottom shelf with two (2) stiffeners and four (4) corner braces, all 16-gauge steel. Bottom shelf is welded to two (2) 16-gauge cross beams at the outer edge, front to back, which support four (4) 5" plate casters. Two casters swivel with locking brakes and two swivel or can be locked into a fixed position for control when moving. Cabinet consists of four (4) 1-7/8" square 16-gauge steel corner tubes, six (6) 39" w x 16" d, 18-gauge interior shelves, two (2) 26-3/4" x 18-1/4" w, 18-gauge outer panels, and one (1) 39" w x 26-5/8" d, 18-gauge divider panel separating the laptop compartment from the cable closet. The cable closet has two (2) UL listed, 10-outlet electrical units that attach inside the cart along the side panels. The cable closet includes 21 laptop transformer shelves that protrude through the divider panel and are each 3-1/4" d x 6" w x 3-3/8" h. Electrical transformer units are held in place on the shelves with velcro straps (included) and include cable winders for excess power cords. Front and rear compartments are accessed by four (4) 20-3/4" w x 30-1/4" h, 18-gauge doors, two front and two rear. Doors are overlapped by the top and bottom shelves to deter theft and have multi-point locking system with user programmable, four-dial combination padlocks, locks included. All panels and doors have ventilation holes and cart has two (2) push handles. Each model is finished in powder coat paint. Ships assembled by truck only.

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