



E-Tool Mobile Manager 10 Drawer Rugged Managed (Rev. 0)

Part # 563-0010-F07-00 (w/ Switch)
Part # 563-0010-F20-00 (w/o Switch)

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Tracewell Systems

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Chassis Description

General Specification

- 10 drawers accommodates 10 notebook computers, 1 per drawer.
 - Each drawer has one 120 VAC outlet and one RJ45 Ethernet connection.
 - Drawers provide full extension for ease of installing computer chargers and computers.
 - Drawers are vented to allow warm air to escape.
 - All drawers are lockable with a single padlock.
- Power surge protection is provided to protect all the laptops from voltage spikes.
- The unit has a durable finish.
- The F07 version is equipped with an Ethernet Switch, allowing a single connection to your server.
- The F20 version has no network switch installed, but is fully wired and ready.
- 3 External Ethernet ports. One port directly to the Ethernet switch, the second Ethernet port will allow for daisy chaining the units, and the third is used as a console port for the managed switch.
- A Single power cord provides power to all the drawers and plugs directly into a standard 120VAC, 50-60 Hz wall outlet.
- An Additional AC outlet is provided on the rear of the chassis near the top to accommodate a multiple battery charger placed on the top of the unit. (Charger not provided)
- Fans are provided to insure sufficient cooling while charging.

Construction Material

- Lightweight aluminum.

Cabinet Maximum Dimensions

- Depth - 26.8", Width - 20.1", Height - 49.5" (with casters)

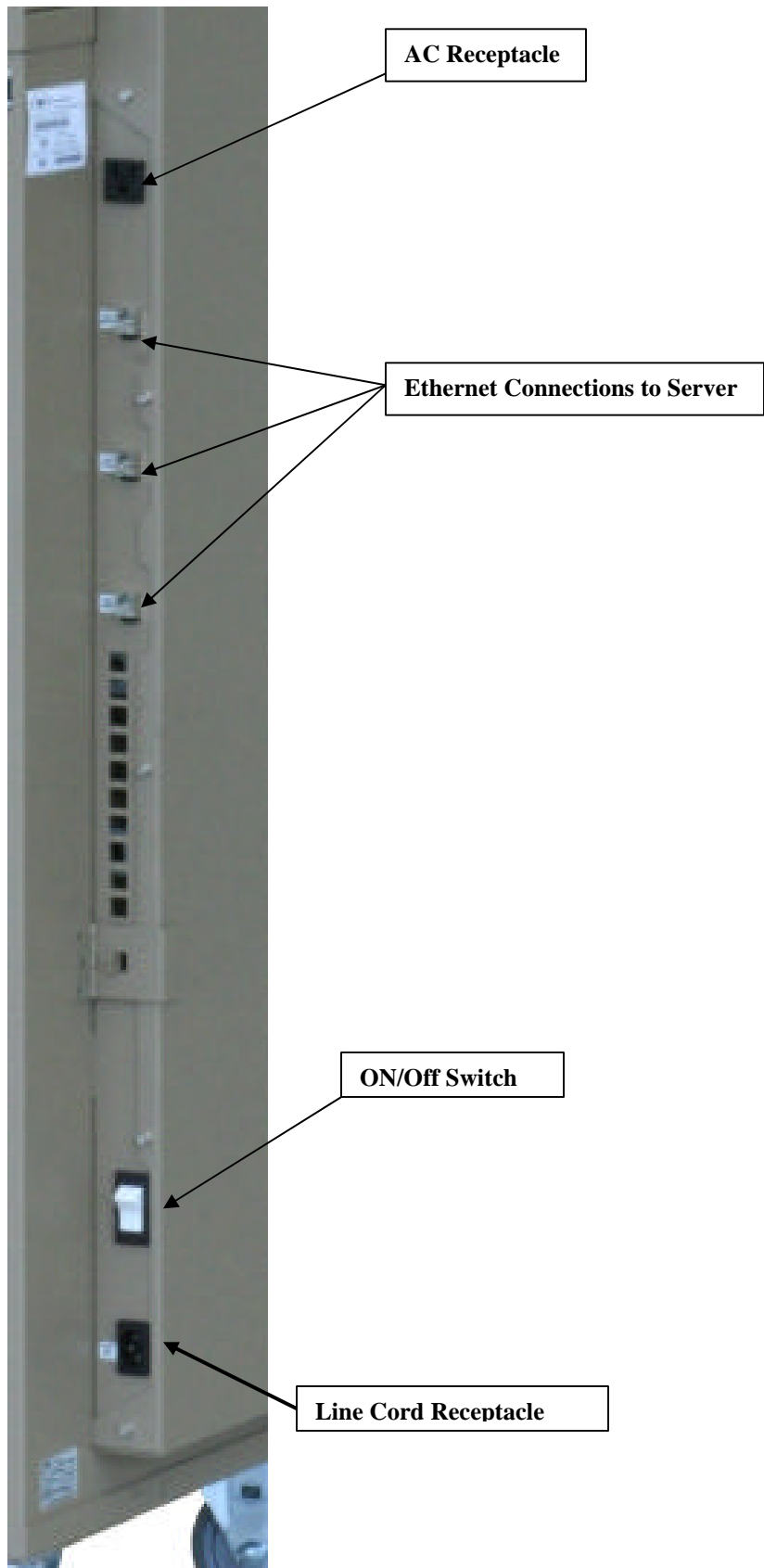
Drawer Dimensions

- Length - 16.4", Width - 15.3", Height - 3.2"

Weight

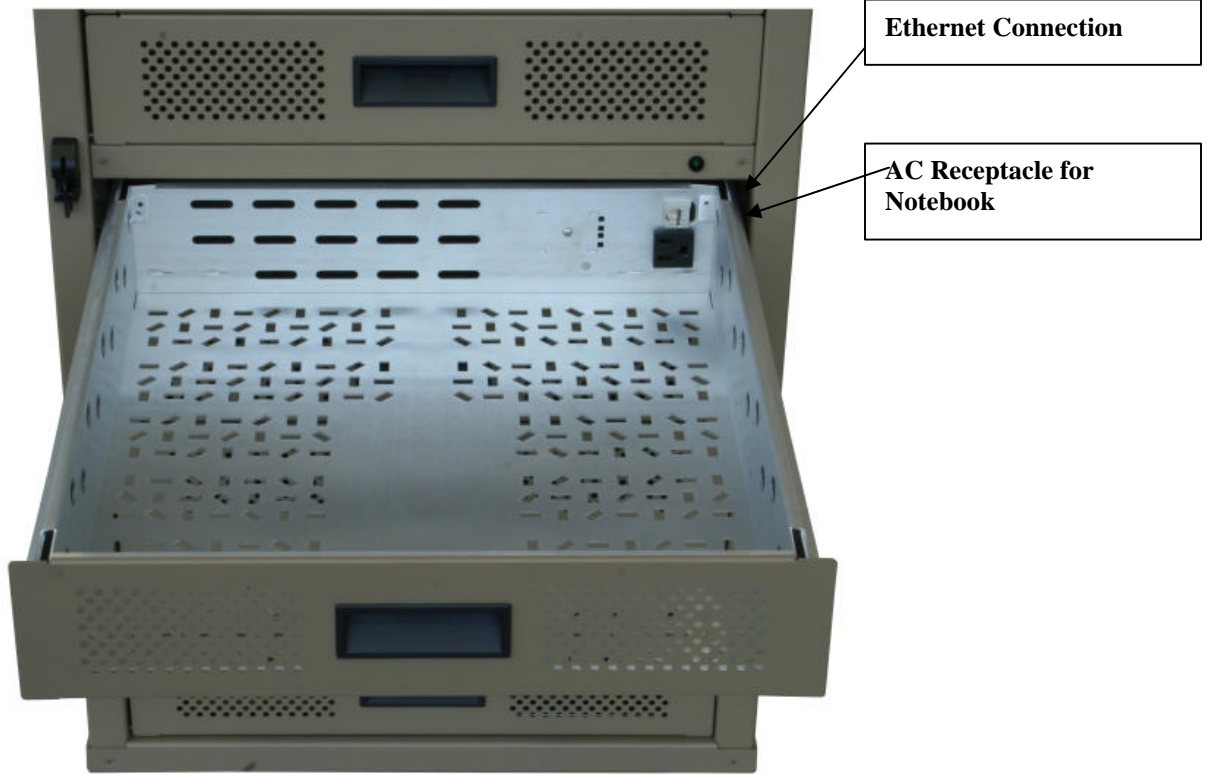
- 109 lbs (Without Notebooks)

Rear Chassis Connections



Drawer Connections & Locking Mechanism

(Caution! Only Open 1 Drawer at a Time)



Lift slide and insert lock through Hole. This will lock all the drawers.



Power ON Indicator



**Lights Green when
power is on.**

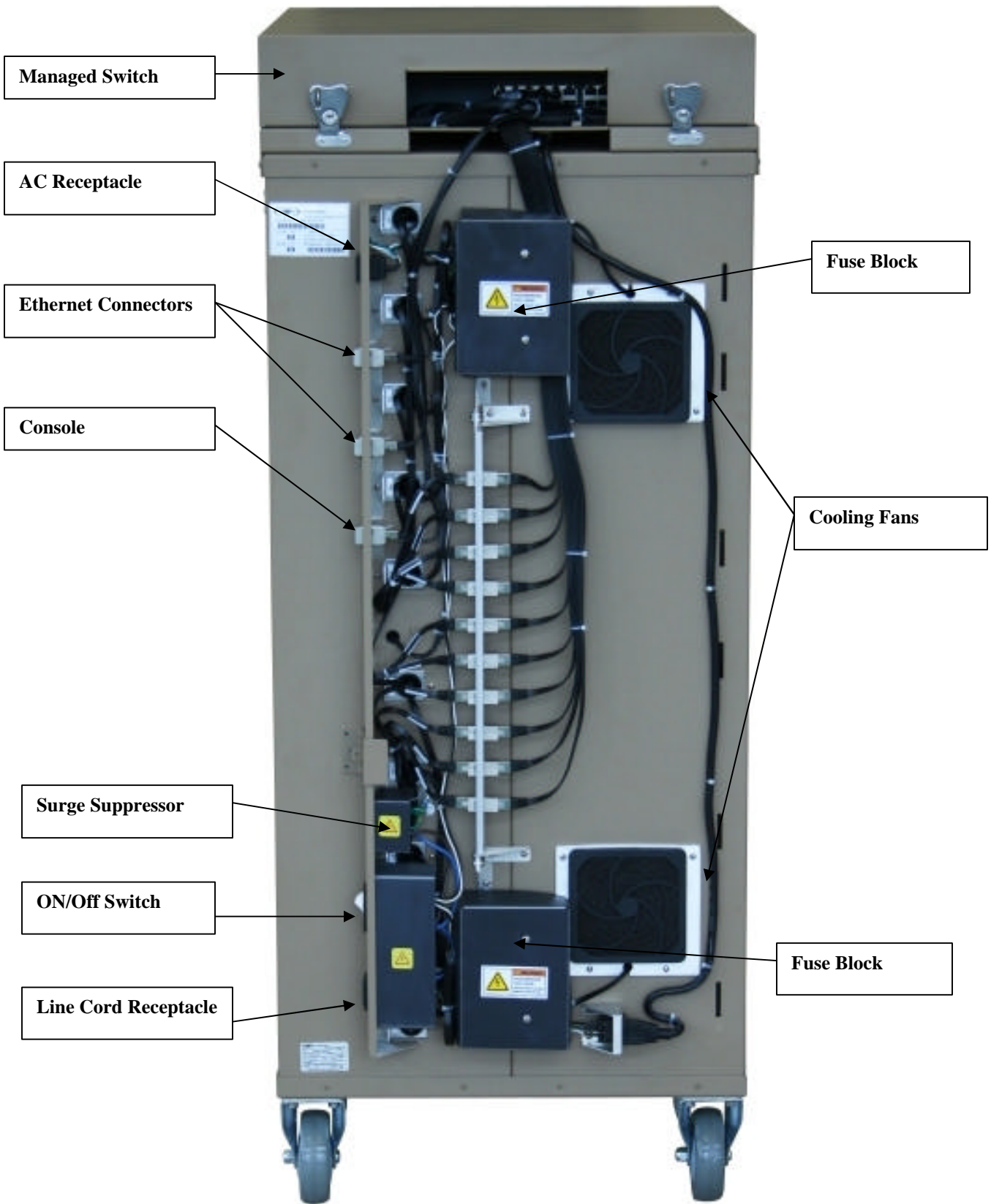
Rear View with Cover On

(Caution! Unplug Unit Before Removing Cover)



Rear View with Cover Removed

(Caution! Do Not Remove Cover! Exposed AC Inside Rear Cover)



Rear View with Network Switch Cover Removed (F07 version)

(Caution! Unplug Unit Before Removing Cover)



Preventive Maintenance

(Caution! Unplug Unit Before Removing Rear Cover)

Schedule

The cabinet is designed for years of reliable operation with minimal upkeep. To maintain sufficient cooling air flow through the drawers, the air intake filters must be kept clean. The filter material is reusable, and should be cleaned periodically.

The following are the maximum recommended intervals for typical installations. However, these intervals should be shortened in environments with significant airborne dust, pollen, etc.

Filter inspection: Monthly

Filter removal and cleaning: 6 Months maximum, sooner if required

Procedure

Tools: #1 Phillips screwdriver.

1. Turn off the cabinet and remove the AC power cord.
2. Loosen five (5) screws and open the rear cover of the cabinet.
3. Locate each air intake filter mounted on a cooling fan.
4. Remove the filter retainer cover from the finger guard
5. Remove the filter material, rinse out the trapped dirt with cold water. Dry the material
6. by pressing it between two paper towels.
7. Allow sufficient time for the filter material to dry completely.
8. Replace the filter material in the retainer, replace on the fan finger guard, and close the cabinet rear cover.
9. Attach the AC line cord and turn on the cabinet.

Fuse Holders

(Caution! Before Checking Fuses, Unplug Unit.)

Upper Fuse Holder

Fan

Power on LED

AC Receptacle

Drawer 1

Drawer 2

Drawer 3

Drawer 4

Drawer 5

Note: All Fuses are 5 Amp./ Slow blow.

Lower Fuse Holder

Spare Fuse

Drawer 6

Drawer 7

Drawer 8

Drawer 9

Drawer 10

Ethernet Switch

Fan

Ethernet Switch Specification (F07 version)

Network Ports:

- 24, 10 or 100 Mbps RJ-45 ports
- 2 Fixed 10/100/1000 uplink ports

Performance (64 byte packets):

- Store-and-forward packet switching
- Forward rate 6.5 Mpps
- MAC addresses 8,000
- Queue buffer 44 MB DRAM

Weight:

- 3.6 kg (8 lb)

Dimensions:

- W 445 mm (17.5")
- D 236 mm (9.3")
- H 44 mm (1.73")

AC Power:

- 50W maximum
- Auto-sensing 100 to 240V, 50/60 Hz
- Localized plug for North America, Japan, UK, Europe, Australia

Standards Compliance:

- IEEE 802.3i 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- Compatible with all major network software

Status LEDs:

Unit:

- system, RPS, link status, link, duplex, link speed
- Per network port :10 or 100 Mbps operations, Rx/Tx and collision, link, half/full duplex

Electromagnetic Emissions:

CE mark, commercial

FCC Part 15 Class A

EN 55 022 (CISPR 22), Class A

GOST

CNS13438 Class A

MIC

Environmental Specifications:

Operating temperature:

- -5 to 45° C

Operating humidity:

- 75% max. relative humidity, non-condensing

Safety Agency Approvals:

- UL listed 60950-1, First Edition
- TUV licensed EN60950-1

Parts List

Part Description	Part Number
Caster, 4", swivel, with lock	015-2063-000-0P
Caster , 4", fixed with lock	015-2064-000-0P
Line Cord, AC, black, 15 amp.	023-9003-000-0P
Fuse, 5x20MM, 250V, 5 amp., slo-blow	024-1099-000-0P
Switch, 24 Port, 10/100, C3560V2-24-TS-S	076-0204-000-0P
Fan Assembly	110-6536-000-0C

Limited Warranty

The EMMC is warranted for a period of 1 year from the ship date against electrical defects in workmanship and component failure, and 3 years for mechanical defects in workmanship or component failure. For a list of Field Replaceable Parts (FRP's), see page 11.

For replacement parts contact Tracewell Systems Repair Center.

Please have the serial number of the EMMC and the address of where you would like the replacement parts shipped before you call.

Replacement parts will be shipped from our plant within two working days and failed parts should be returned to Tracewell Systems Repair Center, 567 Enterprise Dr., Westerville, OH 43081 using the carton and packing material the replacement parts are shipped in.

An RMA (Return Material Authorization) number will be given to you when you call as well as a specified shipping method.

(Extended warranties are available, please contact the factory for specifics.)

Service:

For warranty and non-warranty service, contact

Tracewell Systems Repair Center at: **1-614-846-6175**

Fax us at 1-614-846-4450, or contact us via the web at www.tracewell.com .