

The Verilink 1024 chassis is designed to hold from one to twenty-four modules.

The front view figure shows the chassis with brackets for a 19-inch rack. The rear panel NMS and power connections are described on the reverse side.

Each module interfaces the chassis backplane board through two card connectors. With these connectors, each module receives a -48 VDC power source and exchanges control signals with the rear panel chassis connectors. The chassis contains no active components.

Rack mounting brackets are reversible for standard 19- and 23-inch racks. To install the chassis in a rack, insert two screws through both the left and the right mounting brackets. *Please note: In order to meet GR-1089 grounding requirements, the chassis must be installed using thread-forming screws with external tooth lock washers.*

Specifications

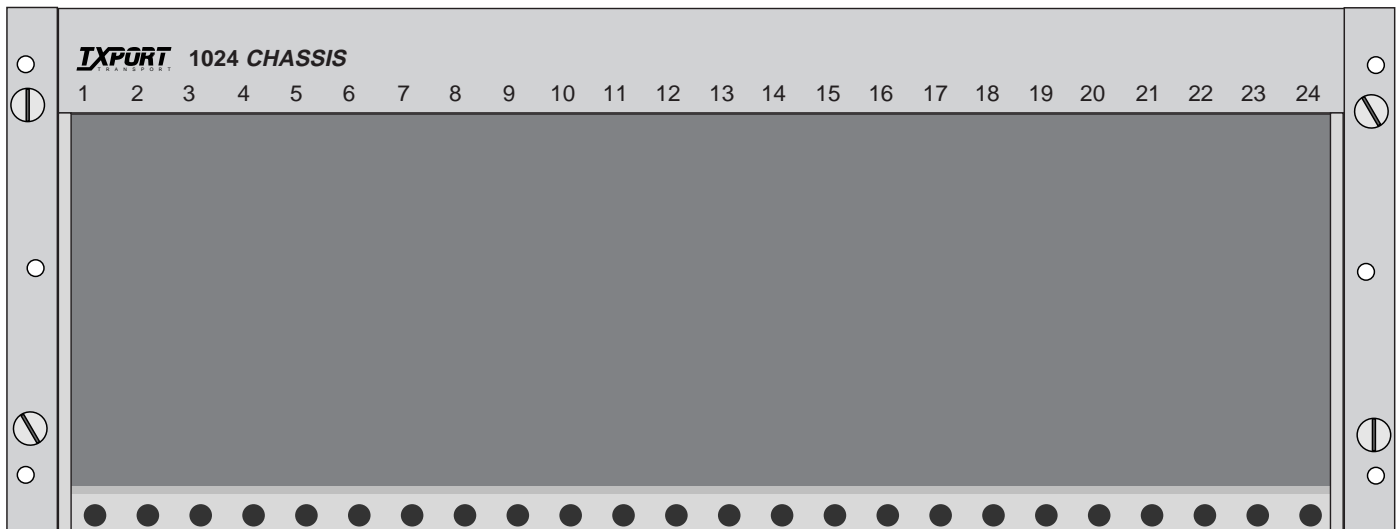
Dimensions: 17.2" W, 7" H, 10.5" D,
 Weight: 9.5 pounds
 Operating Temp: 0° to 50° C (32° to 122°F)
 Storage Temp: -20° to 85° C (-4° to 185°F)
 Humidity: 95% max (non-condensing)

Caution: *The 3002 is designed for convection cooling. Mount the 1024 with a top and bottom clearance of at least 1¾ inches.*

Industry Listings

FCC Compliance: Part 15 Class A
 Subpart B
 U.S. Safety: UL 1950 3rd Edition
 Canadian Safety: CSA C22.2 No. 950-95

Verilink 1024 Chassis Front View



NOTICE: *If your Verilink 1024 Chassis has a top assembly number of F-1024-000--120, metal dividers are installed in slots 5, 10, 15 and 20. Removal of these dividers voids NEBS compliance!*

NMS Connections

The NMS ports are used to connect the chassis into the Verilink EM8100A element manager. Within the chassis, each unit is physically connected to the next unit in a daisy-chain fashion. Two 6-pin modular connectors are provided for both the A side and the B side.

Each unit in the NMS chain must have a unique address. All units in the chain must use the same NMS bit rate.

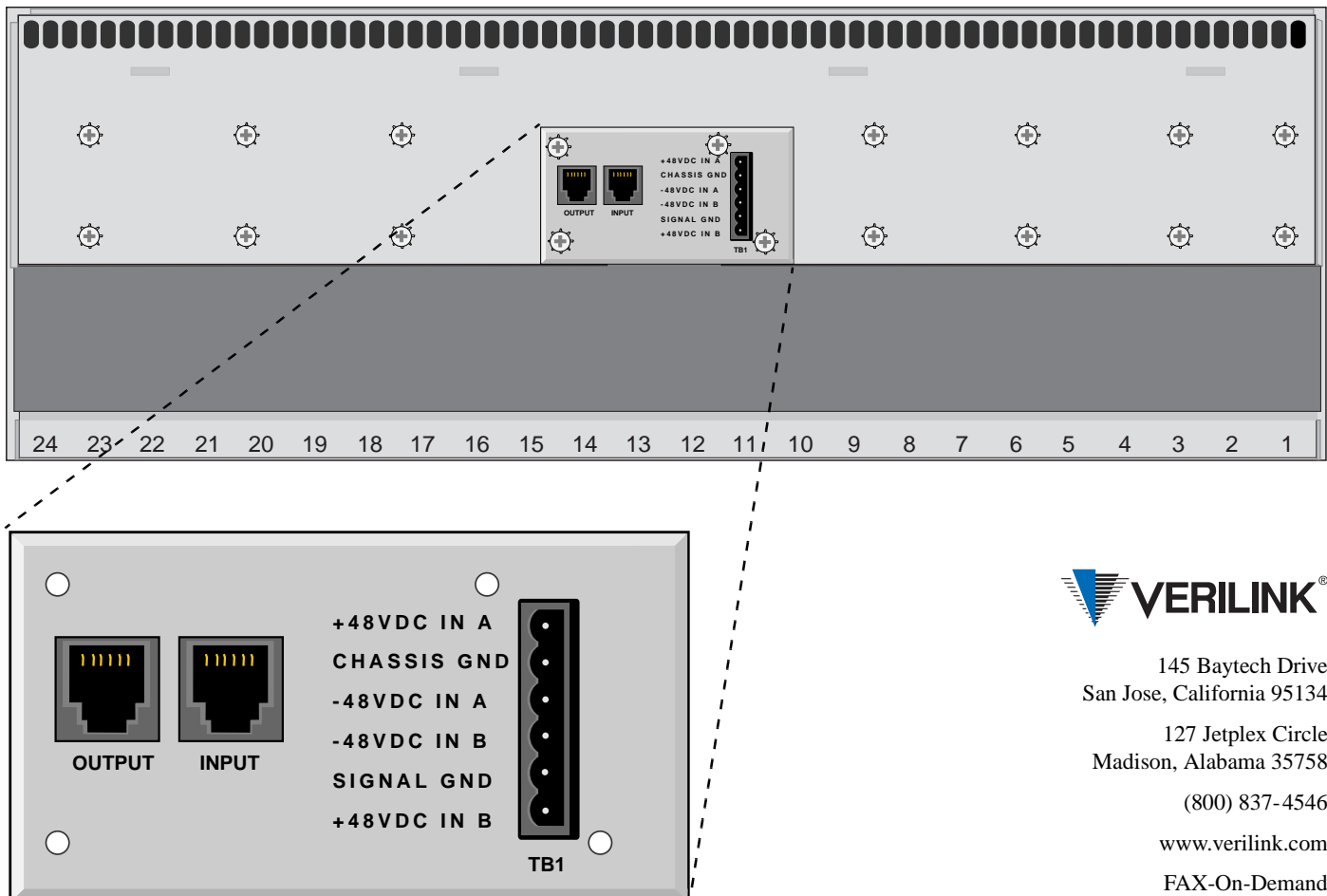
Pin	NMS In (P5)	NMS Out (P4)
1	Not Used	Not Used
2	Signal Gnd	Signal Gnd
3	Data Out	Data Out
4	Data In	Not Used
5	Signal Gnd	Signal Gnd
6	Not Used	Not Used

Power Connections

The chassis is designed with two power buses connected to TB1 (terminal block 1). The A bus feeds the slots 1 through 12. The B bus feeds slots 13 through 24. Connect a Frame Ground lead (18- to 20-gauge wire) to pin 2 *before applying power to the unit*. Connect the other end of this lead to an appropriate frame ground.

NOTE: The maximum current draw of a fully loaded chassis is 4 amperes. The Verilink 1042 power shelf can supply a maximum of 4 amperes (refer to the configuration guide for specifications). Ensure that the proper fuse size is used.

Verilink 1024 Chassis Rear View



145 Baytech Drive
San Jose, California 95134

127 Jetplex Circle
Madison, Alabama 35758

(800) 837-4546

www.verilink.com

FAX-On-Demand

(800) 957-5465

Technical Assistance Center

(800) 285-2755