



**TRI-MAG, Inc.**  
**INTEGRAND DIVISION**  
 ® *your* POWER Specialists

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## 728

### Industrial Rackmount Disk Drive Chassis, 8 Bays, 5 1/4 Drives, Vertical

#### FEATURES

- Made in USA
- Modular Design
- Meets EIA RS-310C
- RUGGED, Heavy Gage, Aluminum Construction
- Up to 8 Half Hi 5 1/4 Drives or Up to 4 Full Hi 5 1/4 Drives
- Good Air Flow and Cooling
- THREE Fans Standard
- Intake Air Filters
- Positive Air Pressure Inside Chassis
- 300W Switching Supply, UL, TUV, CE, Field Replaceable
- 115/230 Operation
- Reasonably Priced

#### OPTIONS / ACCESSORIES

- Black or Off White Paint
- Rackmount Slides
- Drive Bay Cover Plates
- 3 1/2 to 5 1/4 Drive Adapters
- Internal Data Cables for Narrow or Wide SCSI
- Custom Modifications



#### DESCRIPTION

728 is a high quality, EIA RS-310 compatible, rackmount chassis for mounting up to 8 high performance drives. It is a rugged, well-cooled enclosure for server, telecom, factory automation and other industrial applications.

728 has four front accessible, vertically oriented bays. Each bay can accept either one full hi or two half hi 5 1/4 drives. 3 1/2 drives in 5 1/4 adapters, Page 36, can also be installed.

Three fans provide cooling. Two 70CFM fans draw air into the chassis through filters. The washable filter elements are removable for cleaning. A third fan exhausts heat generated by the power supply. Air exits the chassis through vents in the sides and the front. The front vents provide airflow between each drive bay to cool the bay and eliminate hot spots. Positive air pressure is maintained in the chassis to reduce dust incursion

728 is powered by a hefty, high quality, 300W switching power supply. The supply is agency recognized and field replaceable. Supply ratings are +5V@20A and +12V@15A. The +5 and +12 are distributed to 8 drive power

connectors through a Power Interface PC Board that also stabilizes the power supply, so no minimum load is required. LED's on the PC board provide visual verification that +5 and +12 are up.

#### CUSTOMIZING

See Inside Back Cover for a Customizing Guide.

2810 Series Connector Panels for the 728 are shown on Page 26.

Accessories for the 728 are shown on Page 36.

If requirements dictate modifications other than those available as library items, we can usually provide low cost solutions. We invite you to contact us.





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# 728

## SPECIFICATIONS

### Input Voltage

90-132 or 180-264VAC,  
 47-63Hz, 1Φ, Switch Selected

### DC Outputs

See Power Supply Table

### DC Output Connectors

8ea, 4 pin AMP Mate-N-Lok

### Temperature

10 to 40C Internal Operating  
 -20 to 75C Storage

### Humidity

20 to 85% RH, Operating,  
 Non- Condensing

### PS MTBF (MIL-HDBK-217E)

100,000 Hr.

### Size

Rackmount:  
 4U (7")H x 19" Panel x 19.1" D

### Weight

23 Pounds, 30 UPS Shipping

### Finish

External Surfaces Painted  
 Rack panel textured, other surfaces  
 smooth

## POWER SUPPLY TABLE

Input Voltage	DCOUTPUT RATINGS		PS Approvals
	+5V	+12V	
117/230 VAC	20A	15A	UL, CSA, TUV

## ORDERING GUIDE & PRICES

### 728R - [ ] - [ ]

#### Internal SCSI Cable

- 0 = No Internal Cable
- 4 = 4 Drop, SCSI-1 (Centronics 50)
- 8 = 8 Drop, SCSI-1 (Centronics 50)
- 24 = 4 Drop, Narrow SCSI (HD50)
- 28 = 8 Drop, Narrow SCSI (HD50)
- 34 = 4 Drop, Ultra Wide SCSI (HD68)
- 38 = 8 Drop, Ultra Wide SCSI (HD68)

#### Cabinet Color

- B = Black
- W = Off White

#### BASE MODEL

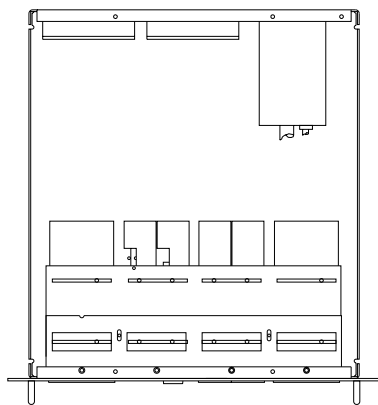
728R-0-B  
 (No Internal Cable)  
 (Black or Off White same price)

#### PRICE

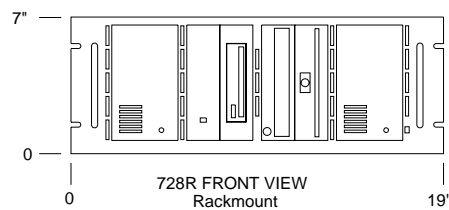
\$350

#### DATA CABLE ADDERS (per cable)

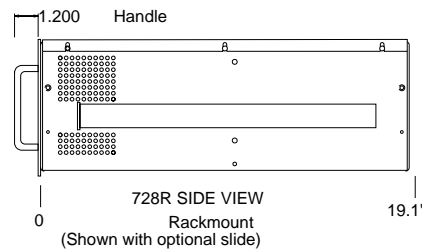
TYPE	PRICE
4 = 4 Drop, SCSI-1	\$40
8 = 8 Drop, SCSI-1	\$50
24 = 4 Drop, Narrow SCSI	\$75
28 = 8 Drop, Narrow SCSI	\$85
34 = 4 Drop, Ultra Wide SCSI	\$140
38 = 8 Drop, Ultra Wide SCSI	\$165



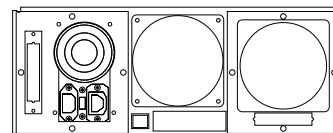
TOP VIEW



728R FRONT VIEW  
Rackmount



728R SIDE VIEW  
Rackmount  
(Shown with optional slide)



REAR VIEW

Drives not included



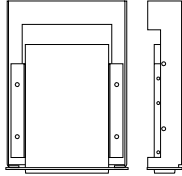
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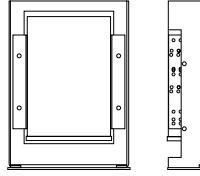
## 728 - Accessories

### DRIVE ADAPTERS

ADAPTS 3 1/2 DRIVES TO 5 1/4 FOOTPRINT



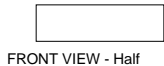
505-335 \$11  
 3 1/2 FLOPPY DRIVE ADAPTER  
 FITS 25MM (1") HIGH DRIVES



SEE TABLE FOR P/N & PRICE  
 3 1/2 HARD DRIVE ADAPTER

PART NUMBER	ADAPTER TYPE	DRIVE ACTIVITY DRIVE CONNECTOR	PRICE
505-340-1	NON-SHOCK MOUNT	0.1" GRID	\$13
505-340-2		2MM GRID	
505-345-1	SHOCK MOUNT	0.1" GRID	\$19
505-345-1		2MM GRID	

### DRIVE COVER PLATES



FRONT VIEW - Half



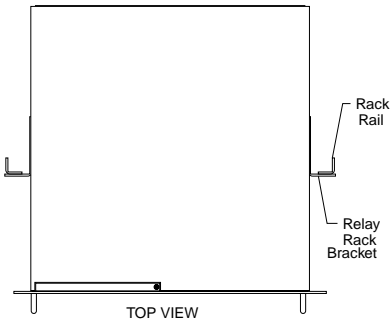
FRONT VIEW - Full HI

5 1/4 VERT Mount		
PART #	SIZE	PRICE
590-345	HALF HI	\$8
590-340	FULL HI	

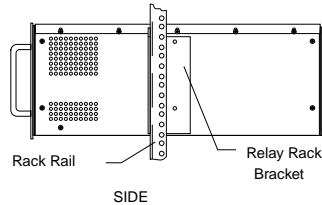
### RELAY RACK BRACKETS

Mount rack chassis to "relay rack"  
 (Single set of 19" vertical)

590-325 \$10/PR



TOP VIEW

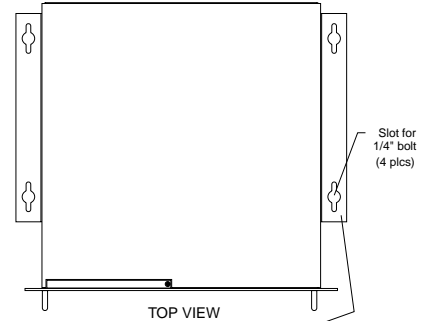


SIDE

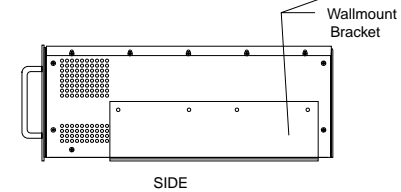
### WALL MOUNT BRACKETS

Attach rackmount chassis to  
 wall or other flat surface

590-320 \$20/PR



TOP VIEW

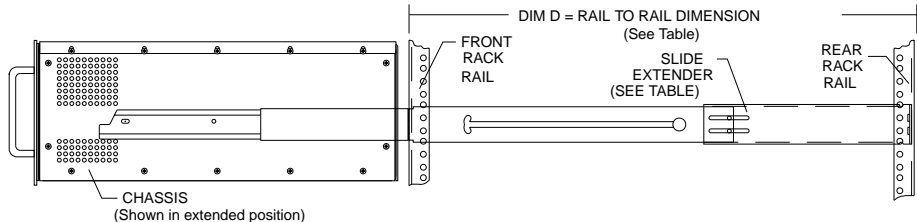


SIDE

### SLIDES & EXTENDERS

EXTENDER TABLE		
DIM D	EXT P/N	PRICE
17.2 TO 24.3	590-380	\$8/PR
24.3 TO 32.3	590-382	\$11/PR

SLIDE160 \$45/PR  
 Slide for 728



Drives not included