

# ZERAK™

## 19" Aluminum Double-Entry Rackmount Cases

### SELECTION GUIDE

SELECT CASE SIZES AND OPTIONS. CUSTOM PARTS & BUILDS ARE AVAILABLE FOR QUESTIONS, CALL 1.800.959.5050 • FOR A QUOTE CALL, FAX OR EMAIL

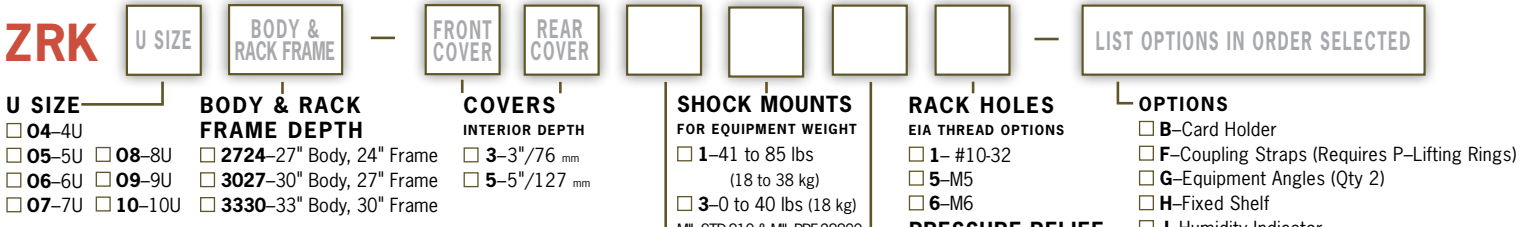
#### STANDARD FEATURES

- Lightweight—32.6 lbs (4U model).
- Small Footprint—the combination of small footprint and light weight equate to lower shipping costs.
- Airtight, watertight MIL-SPEC case.
- 8 week delivery time.
- Recessed metal handles with rubberized grip.

- 21 standard configurations from 4U–10U sizes, and Body Depths of 27", 30" and 33", and Rack Depths of 24", 27" and 30".
- Removable 3" covers (front and rear) allow full accessibility while stacked.
- Integral stacking design for vertical and 90° stacking.

- Reinforced aluminum corner caps maximize protection.
- High-strength aluminum frame accommodates ANSI, EIA, metric, & custom equipment mounting configurations.
- Grounding strap.
- Like most ZERO products, the ZERAK™ can be customized to meet specific requirements.

#### BASE PART NUMBER



- U SIZE**
- 04-4U
  - 05-5U
  - 06-6U
  - 07-7U
  - 08-8U
  - 09-9U
  - 10-10U

- BODY & RACK FRAME DEPTH**
- 2724-27" Body, 24" Frame
  - 3027-30" Body, 27" Frame
  - 3330-33" Body, 30" Frame

- COVERS**  
INTERIOR DEPTH
- 3-3"/76 mm
  - 5-5"/127 mm

- SHOCK MOUNTS**  
FOR EQUIPMENT WEIGHT
- 1-41 to 85 lbs (18 to 38 kg)
  - 3-0 to 40 lbs (18 kg) MIL-STD-810 & MIL-PRF-28800
  - 4-0 to 40 lbs (18 kg) MIL-T-28800

- RACK HOLES**  
EIA THREAD OPTIONS
- 1- #10-32
  - 5-M5
  - 6-M6
- PRESSURE RELIEF**
- N-None Required
  - A-Auto Pressure Valve
  - M-Manual Relief Valve

- OPTIONS**
- B-Card Holder
  - F-Coupling Straps (Requires P-Lifting Rings)
  - G-Equipment Angles (Qty 2)
  - H-Fixed Shelf
  - J-Humidity Indicator
  - M-Intermediate Rails (Qty 2)
  - P-Lifting Rings\* (Qty 4)
  - S-Rack Slides (1 Pair)
  - U-Sliding Shelf
  - X-Storage Pouch in Rear Cover\*\*
  - 2-2U Sliding Drawer
  - 3-3U Sliding Drawer
  - 4-4U Sliding Drawer

**THE ZERAK™** is an aluminum double entry case designed and engineered to provide a minimum of 40G protection for sensitive electronic equipment. Based on the ZERAK's weight, size and price, no other 19" aluminum rackmount case offers this level of protection. A smaller footprint and lighter weight delivers greater efficiency in transportation and usage. This case meets the rigors of environmental conditions including temperature ranges, altitude, rain, sleet, snow, sand, and dust.

**FINISH** select one (1) finish code  
*Note: Container exterior and covers are painted and textured (inside and out). The inside center section and frame are not painted, but have a Chem Film finish.*

- POWDER COAT PAINT RECOMMENDED**
- BK-Black 27038
  - DB-Dark Blue 25045
  - DS-Desert Sand 20372
  - FG-Forest Green 24079
  - GR-Gray 26307
  - MB-Medium Blue 25190
  - NG-NATO Green RAL6014
  - OD-Olive Drab 24097
  - OR-Orange 21400
  - RD-Red 21105
  - WH-White 27925
  - YW-Yellow 23538
- FED-STD-595 for reference.

- MIL-SPEC FINISHES**
- A-No Finish.
  - B-Chemical Film Per MIL-DTL-5541, Type I, Class 1A. Epoxy Primer per MIL-PRF-23377, Type 1, Class C2.
  - C-Same as B Plus Paint Light Gray Semi-Gloss Polyurethane Color #26307 of FED-STD-595.
  - D-Same as B Plus Paint Light Gray Semi-Gloss Polyurethane Color #16307 of FED-STD-595.
  - E-Wash Prime per DOD-P-15328 and Epoxy Primer per MIL-DTL-53022, Type II, Paint Polyurethane Yellow Gloss Color #13538 of FED-STD-595.
  - F-Same as B Plus Paint Strata Blue Gloss Polyurethane Color #15045 of FED-STD-595.
  - G-Same as B Plus Paint Green Semi-Gloss Polyurethane Color #24300 of FED-STD-595.

- MIL-SPEC FINISHES cont.**
- H-Same as B Plus Paint Olive Drab Semi-Gloss Polyurethane Color #24084 of FED-STD-595.
  - J-Same as B Plus Paint Olive Drab Lusterless Polyurethane Color #34088 of FED-STD-595.
  - K-Same as B Plus Paint Aliphatic Polyurethane Camouflage Coating (CARC) per MIL-DTL-53039, Type II, Color #383 Green, #34094 of FED-STD-595.
  - S-Special Order—Please Specify.
  - W-Chemical Film Per MIL-DTL-5541, Type I, Class 1A. Epoxy Primer per MIL-DTL-53022, Type II, or Water-base Epoxy Primer per MIL-DTL-53030, Type I. Paint with White Polyurethane Coating per MIL-PRF-85285, Type II, Class H, Color #17925 of FED-STD-595 or Epoxy Coating Per MIL-PRF-22750.
  - UA-Chem Film per MIL-DTL-5541, Type I, Class 1A.

- RHINOLINING™**
- RB-Black
  - RG-Gray

**NOTES:**  
\*Call to verify the application does not exceed the load carrying capacity of the lifting rings or case.  
\*\*Not available in 4U case sizes.  
**Stacking:** 500 lbs (226.796) standard. For higher weights, call to verify weight and support needed.

#### STANDARD 40G PROTECTION

SHOCK PART NUMBER	EQUIPMENT LOAD RANGE	SHOCKS PER CASE	DROP SPECS
1	41-85 lbs (18-38 kg)	16	MIL-STD-810 & MIL-PRF-28800
3	0 to 40 lbs (18 kg)	16	MIL-STD-810 & MIL-PRF-28800
4	0 to 40 lbs (18 kg)	8	MIL-PRF-28800

#### EXAMPLE PART NUMBERS

**ZRK10274-35FG3M1** = Forest Green (Powder Coat paint) case with 10U height, 27" deep body, 24" deep rack frame, 3" deep front cover, 5" deep rear cover, shock mounts for 0-40 lbs. equipment, manual pressure relief valve, and EIA #10-32 clip nuts for rack frame.  
**ZRK04330-53E1A5-BFMPX** = Yellow (wet paint) case with 4U height, 33" deep body, 30" deep rack frame, 5" deep front cover, 3" deep rear cover, shock mounts for 41-85 lbs. equipment, automatic pressure relief valve, M5 clip nuts for rack frame, card holder, coupling straps, intermediate rails, lifting rings, storage pouch in rear cover.

#### HOW TO ORDER ZERAK CASES

<b>Standard Cases:</b>	Visit <a href="http://www.zerocases.com/contactSales.php">www.zerocases.com/contactSales.php</a> to contact a representative or email <a href="mailto:orders@zerocases.com">orders@zerocases.com</a> to order
<b>Customized Cases:</b>	Visit <a href="http://www.zerocases.com/contactSales.php">www.zerocases.com/contactSales.php</a> to contact a representative and request a quote or email your RFQ to <a href="mailto:quotes@zerocases.com">quotes@zerocases.com</a>



EIA UNITS in/mm	RACK DEPTH	CASE BODY EXTERNAL DIMENSIONS				WEIGHT WITH 3" Covers	ZERAK ZRK 4U-10U BASE PART NUMBER
		DEPTH	WIDTH	HEIGHT LESS Dimples	HEIGHT WITH Dimples		
4U 7.12"/181 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	10.27" 261 mm	10.65" 271 mm	33 lb / 15 kg	ZRK042724-
	27.00" / 686 mm	29.56" / 751 mm				34 lb / 15 kg	ZRK043027-
	30.00" / 762 mm	32.56" / 827 mm				35 lb / 16 kg	ZRK043330-
5U 8.87"/225 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	12.02" 305 mm	12.40" 315 mm	34 lb / 15 kg	ZRK052724-
	27.00" / 686 mm	29.56" / 751 mm				36 lb / 16 kg	ZRK053027-
	30.00" / 762 mm	32.56" / 827 mm				37 lb / 17 kg	ZRK053330-
6U 10.62"/270 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	13.77" 350 mm	14.15" 3569mm	36 lb / 16 kg	ZRK062724-
	27.00" / 686 mm	29.56" / 751 mm				37 lb / 17 kg	ZRK063027-
	30.00" / 762 mm	32.56" / 827 mm				39 lb / 18 kg	ZRK063330-
7U 12.37"/314 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	15.52" 394 mm	15.90" 404 mm	37 lb / 17 kg	ZRK072724-
	27.00" / 686 mm	29.56" / 751 mm				39 lb / 18 kg	ZRK073027-
	30.00" / 762 mm	32.56" / 827 mm				41 lb / 19 kg	ZRK073330-
8U 14.12"/359 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	17.27" 439 mm	17.65" 448 mm	39 lb / 18 kg	ZRK082724-
	27.00" / 686 mm	29.56" / 751 mm				41 lb / 19 kg	ZRK083027-
	30.00" / 762 mm	32.56" / 827 mm				42 lb / 19 kg	ZRK083330-
9U 15.87"/403 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	19.02" 483 mm	19.40" 493 mm	41 lb / 19 kg	ZRK092724-
	27.00" / 686 mm	29.56" / 751 mm				42 lb / 19 kg	ZRK093027-
	30.00" / 762 mm	32.56" / 827 mm				44 lb / 20 kg	ZRK093330-
10U 17.62"/448 mm	24.00" / 610 mm	26.56" / 675 mm	20.95" 532 mm	20.77" 528 mm	21.15" 537 mm	42 lb / 19 kg	ZRK102724-
	27.00" / 686 mm	29.56" / 751 mm				44 lb / 20 kg	ZRK103027-
	30.00" / 762 mm	32.56" / 827 mm				46 lb / 21 kg	ZRK103330-

## ZERAK HARDWARE FEATURES



**Recessed T-Latch** permits quick accessibility to instruments for multiple cases in a stacked cabinet style. One half turn in either direction releases and secures covers.



**Recessed Steel Handles** are spring loaded with comfortable non-slip rubber cushion for added comfort and control, and have a 90° stop.



**Storage Pouch** of ballistic nylon fabric with zipper, mounts with velcro onto rear cover to store cables and parts.  
\*Not available in 4U case sizes.



**Storage Drawers** with lids are easy to install and provide secure storage. Select from 2U, 3U or 4U heights.



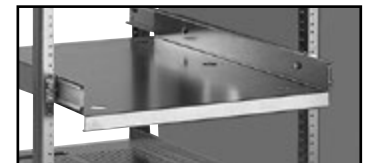
**Straps** connect stacked cases securely together.  
*Image for illustration only, actual straps may vary.*



**Lifting and Tie Down Rings** are available to secure cases. Call ZERO to determine the equipment load range and support needed.



**Rack Slides Rails** offer flexibility and access. Quantity: 2



**Sliding Shelf** is made of quality steel for strength and allows sliding of equipment out of the case for more convenient access to controls or connections.



**Humidity Indicator**     **Auto Pressure Relief Valve**

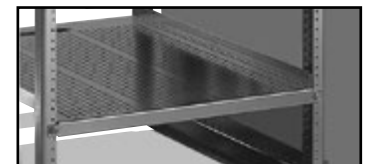


**Concave & Convex Stacking Dimples**

**Matching Stacking Dimples** mate with case surface to reduce sliding, to protect the case underside from ground and floor surfaces, and allow multiple configurations—vertical and 90 degree options.



**Intermediate Rails** have top and bottom attachment points for the side support rails. Quantity: 2



**Fixed Shelf** has front & rear attachment points for the side support rails.

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