

BÜRO SSD RAID Drive

Data Sheet



Say hello to the BÜRO SSD RAID rugged portable drive.

- Most versatile TAA Compliant portable RAID
- Dual drives ensures your files are backed up
- Can be configured in RAID 0 (Striping), RAID 1 (Mirroring), JBOD (independent) or BIG (Non-RAID merged drives)
- Latest USB-C cable is fully backwards
- Capacities up to 8TB
- Access your files up to 4x faster compared to a typical hard disk drive
- Optional bus powered for mobile workspaces
- Compatible with MAC and PC
- Commercial, Professional, Industrial and Military grade SSD performance
- Available in black and silver
- Weight: 1 lb 2 oz. to 1 lb 8 oz.
- Dimensions: 7.0. in. x 5.5 in.

BÜRO SSD RAID Drive



Rugged Portable Solid State Drives

The Braun BÜRO SSD RAID drive is portable and versatile. Dual drives can be configured in RAID 0 (Striping), RAID 1 (Mirroring), JBOD (independent drives, default) or BIG (Non-RAID merged drives).

Specifications	Commercial		Professional			Industrial			Military	
	1TB (512GB x 2)	2TB (1TB x 2)	2TB (1TB x 2)	4TB (2TB x 2)	4TB (2TB x 2)	960GB (480GB x 2)	1920GB (960GB x 2)	4TB (2TB x 2)	960GB (480GB x 2)	2TB (1TB x 2)
Model Number	BRSC-C001T	BRSC-C002T	BREC-P002T	BREC-P004T	BREC-P008T	BRCC-N960G	BRCC-N002T	BRCC-N004T	BRXC-M960G	BRXC-M002T
NAND Flash Memory	TLC		V-NAND 3bit TLC			iMLC			iMLC	
Interface	USB-C		USB-C			USB-C			USB-C	
Operating System										
Windows (7 and greater)	•	•	•	•	•	•	•	•	•	•
Mac OS X (10.6 or greater)	•	•	•	•	•	•	•	•	•	•
Security										
Supports AES 256-bit	•	•	•	•	•	•	•	•	•	•
Operating Environment										
Operating Temp. (drive):	0 °C - 70 °C		0 °C - 70 °C			0 °C - 70 °C			-40 °C - 85 °C	
Non-Operating Temp. (drive):	-40 °C - 85 °C		-45 °C - 85 °C			-55 °C - 96 °C			-55 °C - 96 °C	
Humidity:	operating: RH 90% under 40 °C		5% to 95% non-condensing			5% to 95% non-condensing			5% to 95% non-condensing	
Physical Protection										
Enclosure	Aluminum Body and Anti-Stock Rubber Sleeve		Aluminum Body and Anti-Stock Rubber Sleeve			Aluminum Body and Anti-Stock Rubber Sleeve			Aluminum Body and Anti-Stock Rubber Sleeve	
Shock	non-operating: 500G, 2ms duration		non-operating: 1,500G, 0.5ms duration			MIL-STD-810F 516.6 (shock test) operating: 1,500 half-sine, 0.5ms duration			MIL-STD-810F 516.6 (shock test) operating: 1,500 half-sine, 0.5ms duration	
Vibration	non-operating: 80-2,000Hz, 20G		non-operating: 20-2,000Hz, 20G			MIL-STD-810F 514.5 (vibration test) operating: 16.4Grms			MIL-STD-810F 514.5 (vibration test) operating: 16.4Grms	
Low Pressure (Altitude)	not tested		not tested			MIL-STD-810F 500.4 (altitude test) operating: 80,000 feet			MIL-STD-810F 500.4 (altitude test) operating: 80,000 feet	
Connectivity Compatibility										
Thunderbolt 3	up to 10Gbps		up to 10Gbps			up to 10Gbps			up to 10Gbps	
USB-C	up to 10Gbps		up to 10Gbps			up to 10Gbps			up to 10Gbps	
USB 3.1 (Gen2)	up to 10Gbps		up to 10Gbps			up to 10Gbps			up to 10Gbps	
USB 3.0 (Gen1)	up to 5Gbps		up to 5Gbps			up to 5Gbps			up to 5Gbps	
Performance										
Max Interface Speed (Enclosure)	500 MB/sec +		500 MB/sec +			500 MB/sec +			500 MB/sec +	
Sequential Read	up to 470 MB/sec		up to 550 MB/sec			up to 530 MB/sec	up to 530 MB/sec	up to 540 MB/sec	up to 530 MB/sec	up to 540 MB/sec
Sequential Write	up to 400 MB/sec		up to 520 MB/sec			up to 380 MB/sec	up to 380 MB/sec	up to 500 MB/sec	up to 460 MB/sec	up to 410 MB/sec
4K Random Read (QD32)	up to 69,000 IOPS		up to 98,000 IOPS			up to 69,000 IOPS	up to 69,000 IOPS	up to 85,000 IOPS	up to 75,000 IOPS	up to 59,000 IOPS
4K Random Write (QD32)	up to 49,000 IOPS		up to 90,000 IOPS			up to 10,000 IOPS	up to 10,000 IOPS	up to 30,000 IOPS	up to 12,000 IOPS	up to 13,000 IOPS
Enclosure Chipset	ASMedia ASM1352R		ASMedia ASM1352R			ASMedia ASM1352R			ASMedia ASM1352R	
Warranty										
Total Bytes Written	185 TB	370 TB	600 TB	1,200 TB	2,400 TB	1,417 TB	2,890 TB	5,780 TB	9,919 TB	19,838 TB
Warranty Period	3 Year Warranty		5 Year Warranty			3 Year Warranty			5 Year Warranty	
Power										
USB Bus Power	•	•	•	•	•	•	•	•	•	•
Optional external DC +5V/2A power adapter	•	•	•	•	•	•	•	•	•	•
Power Consumption (Average)	.76 W	.87 W	3 W			3.34 W			3.34 W	
Power Consumption (Idle)	.04 W sleep mode with PC		.05 W sleep mode with PC			.33 W sleep mode with PC			.33 W sleep mode with PC	
Physical										
Weight	1 lb 2 oz.		1 lb 6 oz.			1 lb 8 oz.			1 lb 8 oz.	
Dimensions	7.0 x 5.5 x 1.4 inch		7.0 x 5.5 x 1.4 inch			7.0 x 5.5 x 1.4 inch			7.0 x 5.5 x 1.4 inch	
Package also includes	USB-C to USB-C cable USB-C to USB-A cable power adapter install kit and user guide		USB-C to USB-C cable USB-C to USB-A cable power adapter install kit and user guide			USB-C to USB-C cable USB-C to USB-A cable power adapter install kit and user guide			USB-C to USB-C cable USB-C to USB-A cable power adapter install kit and user guide	

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