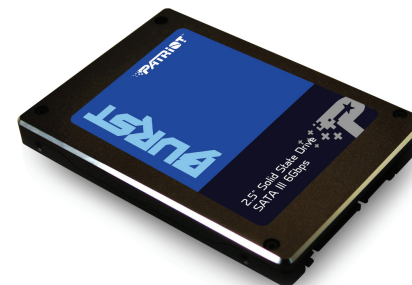


**PATRIOT™**  
**BURST**  
2.5" SATA III 6Gbps SSD



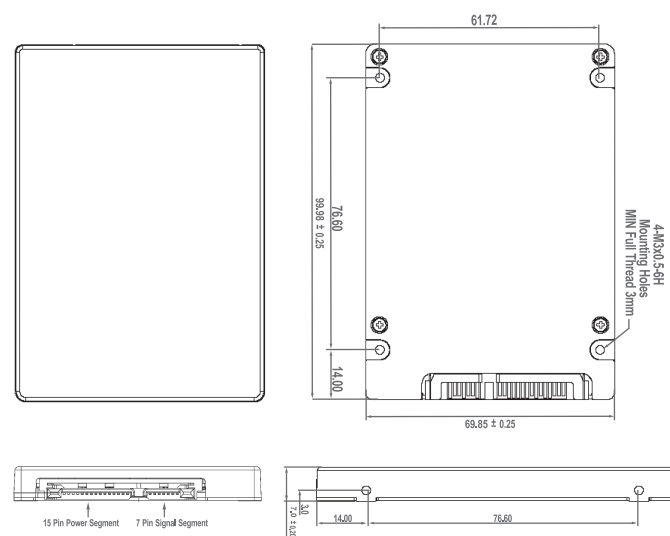
Actual formatted capacity may vary.  
See [www.patriotmemory.com/support/USB-SD-formattedCapacity.pdf](http://www.patriotmemory.com/support/USB-SD-formattedCapacity.pdf) for more information.

**CORPORATE HEADQUARTERS**  
47027 Benicia Street  
Fremont, CA 94538 USA  
TEL: 510.979.1021  
WITHIN USA 800.800.9600

**APAC SALES OFFICE**  
11F, No.700, Jhong Jheng Road,  
Jhong He District, New Taipei City,  
Taiwan, R.O.C.  
TEL: +886.2.8228.0333

**EMEA SALES OFFICE**  
Innsbruckweg 190-192  
3047 AH Rotterdam  
The Netherlands  
TEL: +31 (0) 10.2931250

[WWW.PATRIOTMEMORY.COM](http://WWW.PATRIOTMEMORY.COM)



Power Segment Pinout	
PIN	SIGNAL NAME
P1	Not Used (3.3V)
P2	Not Used (3.3V)
P3	Not Used (3.3V Pre-Charge)
P4	GND
P5	GND
P6	GND
P7	5V Pre-Charge
P8	5V
P9	5V
P10	GND
P11	Reserved
P12	GND
P13	Not Used (12V Pre-Charge)
P14	Not Used (12V)
P15	Not Used (12V)

Signal Segment Pinout	
PIN	SIGNAL NAME
S1	GND
S2	RxP
S3	RxN
S4	GND
S5	TxN
S6	TxP
S7	GND

General Manufacturer Model Interface	Patriot SSD 2.5" SATA III			
Drive Capacity	120GB, 240GB			
Dimensions Length-Width-Height	100 x 69.85 x 6.90mm			
Power Consumption	Capacity	Read	Write	Idle
	120GB	1.3W	2.0W	0.3W
	240GB	1.3W	2.6W	0.3W
S.M.A.R.T. Support	YES			
MTBF	2,000,000 hours			
Data Reliability	LDPC			
Environment	0°C-70°C			
Operating Temp.	-40°C-85°C			
Storage Temp.	1,500G (@ 0.5msec half sine wave)			
Operating Shock	20G Peak (80~2000Hz)			
Vibration	0°C-40°C / 93% RH, 72 Hours			
Humidity				
O/S Support	Windows® XP , Windows Vista® Windows® 7 , 8 , 10 Linux and Mac® OS			
Certification	CE/FCC/RoHS			
Warranty	3 Years			

\*Actual usable memory capacity may vary, 1MB equals 1 million bytes; 1GB equals 1 billion bytes,

**Installation for Computer Systems (Desktops and Servers):**

1. Power down the computer and make sure power is unplugged from the wall outlet.
2. Remove the computer case cover.
3. Install the SSD in an open hard drive bay.
4. Connect the SSD cable to an open SATA host connector on the motherboard.
5. Plug in the SSD power directly from the power supply.
6. Close the computer case cover.
7. Power on your computer.
8. Please enter the BIOS and ensure that the SSD is recognized in the BIOS.

**Installation for Notebooks:**

1. Power down the notebook.
2. Remove the notebook battery and power cable.
3. Unscrew and remove the notebook's hard drive cover.
4. Remove the hard drive from the bay.
5. If there is a connector or spacer bracket attached to your hard drive, please remove it.
6. Attach the connector or spacer bracket to the new SSD.
7. Align the pins of the SSD to the drive bay. Slide firmly into drive bay.
8. Reattach the panel and the screw.
9. Reinstall the battery and power cable.
10. Power on your notebook.
11. Please enter the BIOS and ensure that the SSD is recognized in the BIOS.

**Patriot's Free Technical Support**

We strive to provide outstanding customer service.  
If you have any questions regarding your SSD or any of our products, please contact Technical Support directly at [support@patriotmem.com](mailto:support@patriotmem.com) or visit us at [www.patriotmemory.com](http://www.patriotmemory.com).