

# Product Specification

## 480 GB V Series Plus SATA III 2.5" SSD



The Integral V Series Plus SSD is the best SATA III choice for increasing storage and boosting performance for your desktop or laptop PC. With a fantastic combination of fast data read/write and reliability, along with low power operation, the Integral V Series Plus offers excellent value.

- 2.5-inch form factor with SATA III 6Gbps interface (backward compatible with SATA 3Gbps and SATA 1.5Gbps)
- Performance: Faster boot than HDD, Faster access to applications, enhanced productivity and increased efficiency
- Non-volatile Flash Memory for outstanding data retention
- Ultra-efficient Block Management and Wear Levelling
- Supports S.M.A.R.T. - Self-Monitoring, Analysis and Reporting Technology
- 3 year warranty or TBW - whichever is earlier applies

<b>SKU</b>	INSSD480GS625V2P
<b>EAN</b>	5055288449282

	<b>Width (mm)</b>	<b>Depth (mm)</b>	<b>Height (mm)</b>	<b>Weight (g)</b>
<b>Product</b>	69.8	100.2	7	45
<b>Packaging</b>	107	13	133	64

<b>Capacity (GB)</b>	480
<b>Component for</b>	PC/Notebook
<b>Form factor</b>	2.5"
<b>Mean time between failures (MTBF) (hour)</b>	1500000
<b>TBW rating</b>	256
<b>Flash type</b>	TLC
<b>NVMe (Y/N)</b>	N
<b>Controller type</b>	SMI SM2258XT
<b>S.M.A.R.T. support (Y/N)</b>	Y
<b>TRIM support (Y/N)</b>	Y
<b>Data transfer rate (GB per second)</b>	6
<b>Read speed (MB per second)</b>	550
<b>Write speed (MB per second)</b>	520
<b>Operating voltage (Volt)</b>	5
<b>Power consumption (read) (Watt)</b>	1.65
<b>Power consumption (write) (Watt)</b>	1.8
<b>Hardware encryption (Y/N)</b>	N

<b>Protection features</b>	Shock resistant
<b>Interface</b>	Serial ATA III
<b>Operating temperature (T-T) (degrees Celcius)</b>	0 - 70
<b>Storage temperature (T-T) (degrees Celcius)</b>	-40 - 85
<b>Operating relative humidity (H-H) (percent)</b>	5 - 85
<b>Operating vibration (gravity)</b>	3.08
<b>Sustainability certificates</b>	RoHS
<b>Certification</b>	CE, FCC, UKCA