



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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TuffDrive® PATA

2.5" SSD

16GB – 128GB



**Industrial Embedded
Technology for an
Interconnected World**



**Designed, programmed, built
and supported in the U.S. -
fortified by locations
worldwide.**

Overview

TuffDrive® P25 2.5" PATA solid-state drives (SSD) are designed for the unique capacity, workload and product lifecycle requirements of a broad range of embedded systems including networking, industrial automation, medical and gaming equipment as well as point-of-sale terminals and data recorders and legacy computing systems.

TuffDrive P25 PATA SSDs are rugged, high performance alternatives to hard-to-find PATA hard drives.

Features

- Parallel ATA, the latest iteration of the industry-standard storage interface
- 2.5-inch form factor, making for smooth drop-in replacement of standard HDDs
- Capacities more suitable for industrial applications, including booting, data logging, and code storage
- Virtium vtGuard® technology to protect against data lost due to unexpected power loss
- Virtium's proven SSD technology for optimal reliability and compatibility
- vtView software accessible

Specifications

Capacity:	16GB, 32GB, 64GB and 128GB
Interface:	PATA
NAND Flash:	SLC
Voltage/Power:	5V / 1.7W
Commercial Temp.	0°C to 70C°
Industrial Temp.	-40°C to 85C°
MTBF:	3M hours
*Endurance	30X Baseline
Environmental:	MIL-STD-810F
Warranty	5 years
Dimensions (mm)	100.5 x 69.85 x 9.5
Read Sequential	100 MBs
Write Sequential	60 MBs
Environmental:	MIL-STD-810F

* Endurance Baseline = one entire drive write per day for the entire warranty period.

Ordering Information

VTDCP25PXXXG-XXX

where:

VTD = Virtium TuffDrive

P25 = 2.5" SLC Form factor

(C/I) = Commercial/Industrial operating temp.

XXXG = Capacity (1GB = 1,000,000,000 bytes)

xxx = Virtium proprietary

Virtium manufactures memory and storage solutions for the world's top industrial embedded OEMs. For two decades we have designed, built and supported our products in the USA - fortified by a network of global locations. Our world-class technology and unsurpassed support provide a superior customer experience that continuously results in better industrial embedded products for our increasingly interconnected world.

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