

PART NUMBER:
TCSGTXTITANZ-PB

NVIDIA® GTX TITAN Z

ULTIMATE POWER



TITAN Z - OVERVIEW

TITAN Z is a masterpiece of design and engineering.

Stacked with 5760 cores and 12 GB of memory, this dual GPU gives you the power to drive even the most insane multi-monitor displays in 4K resolutions.

TITAN BLACK - PRODUCT SPECIFICATIONS

CUDA PARALLEL PROCESSING CORES	5760
FRAME BUFFER MEMORY	12GB GDDR5
MEMORY BANDWIDTH	768-bit (384-bit per GPU)
MEMORY BANDWIDTH	672 GB/s
MEMORY CLOCK	7.0 Gbps
MAX POWER CONSUMPTION	375 W
DISPLAYS	(1) Dual-link DVI-I (1) Dual-link DVI-D (1) HDMI (1) DisplayPort 1.2
GRAPHICS BUS	PCI Express 3.0 x16
FORM FACTOR	110 mm (H) x 265 mm (L) - 10.5 inches x 4.376 inches Dual Slot
POWER CONNECTORS	(2) 8-pin
THERMAL SOLUTION	Active

TITAN Z - KEY FEATURES

MULTI MONITOR	4 displays
MAXIMUM HDMI RESOLUTION	4096x2160
MAXIMUM VGA RESOLUTION	2048x1536
HDCP	Yes
HDMI	Yes
AUDIO INPUT FOR HDMI	Internal
BASE CLOCK (MHZ)	705
BOOST CLOCK (MHZ)	876
TEXTURE FILL RATE (GIGATEXELS/SEC)	338
OPENGL	4.4

TITAN Z - SOFTWARE AND DRIVERS

>> Software applications page:

http://www.nvidia.com/object/vertical_solutions.html

>> Tesla GPU computing accelerators are supported for both Linux and Windows.

>> Drivers:

Latest drivers can be downloaded from
<http://www.nvidia.com/drivers>

- Learn more about Tesla data center management tools at
<http://www.nvidia.com/object/softwarefor-tesla-products.html>

>> Software development tools are available at
<http://developer.nvidia.com/getting-started-parallelcomputing>

