



TEMPEST Level I - Ultra Small Form Factor

Product Data

Model - DWT-109 (Level I)

Description

API's DWT-109 ultra small form factor (USFF) workstation is based on a design utilizing a mini-ITX motherboard. This allows it to be the perfect solution for space constrained environments. The DWT-109 meets TEMPEST Level I and is also environmentally friendly saving 66% of the energy cost over a standard desktop without compromising performance. This USFF workstation is engineered for demanding and secure office environments by offering a serviceable platform that remains stable and consistent throughout the product life.

System Design

The API TEMPEST workstation combines Intel multi-core Processor technology with the proven engineering, integration and packaging capabilities of API. The platform design features support for future technologies, stability, expandability and security.

Product Features

Utilizing the latest Intel chipsets, this workstation provides the TEMPEST user with new and unique features and options in a compact up-to-date small footprint desktop. Optionally providing SATA drives and multiple high speed USB ports, it is equal in performance and capabilities to any leading-edge corporate business-class PC. Long life cycles with managed transitions facilitate extended deployments. This workstation is available with optional high resolution 19" and 23" LCD monitors.

Features

- Certified to NSTISSAM TEMPEST/1-92 Level I and NATO SDIP-27 A standard (formerly AMSG 720B)
- Intel® Core™ i7-2710QE Processor (2.1 GHz)
- Small Form Factor
- Removable Hard Drives
- Slots: 1 half-height PCI
- Up to 4 USB Ports
- Very low power
- Industry leading three-year warranty





TEMPEST Level I - Ultra Small Form Factor

Specifications

Model - DWT-109 (Level I)

Processor Options

Intel® Core 2 Duo - (2.2GHz, 4MB L2 cache, 800 MHz FSB)
Chipset; Intel® 965GM Express Chipset
Graphics; Integrated Intel GMA X3100 GFX Engine
Supported OS; Windows XP, Windows Vista
Up to 4GB DDR2 Synch Dram PC2-5300 (667-MHz) Non ECC

Intel Dual Core Atom (1.66GHz 512KB L2 cache)
Chipset; Intel NM10 Express Chipset
Graphics; Integrated Intel GMA3150 GFX Engine
Supported OS; Windows 7 32-bit, Vista 32, XP 32
Up to 4GB DDR2 Synch Dram PC2-5300 (800-MHz) Non ECC

Intel® Core™ i7-2710QE Processor (6M Cache, 2.10 GHz)
Chipset; Intel® QM67 PCH
Graphics; Integrated Intel® HD Graphics
Supported OS; Windows 7, Vista, XP
Up to 16GB DDR3 Synch Dram (1333-MHz) Non ECC

Keyboard/Mouse

Optical 2-button wheel mouse
104 key keyboard w/6ft. cable

Power

Autosensing Power Supply, Power Cord, 6ft.100-240 VAC
Frequency 50-60 Hz
Max. Power 80 Watt

Available Options

Media Devices

DVD RW

Hard Drives

320GB Hard Drive SATA 3Gb/s 7200 RPM

Input/Output

Serial Port
Up to 4 USB 2.0 Ports

Network

Up to two 100/1000MB/s PCI NIC, SC

Physical Specifications

Height 8.25 inches (20.96 cm)
Width 3.5 inches (8.9 cm)
Depth 9.5 inches (24.0 cm)
Weight 5.5 lbs. (2.0 kg)

Shipping

Height 14 inches (35.5 cm)
Width 9 inches (22.9 cm)
Depth 20.5 inches (52 cm)
Weight 11 lbs. (5 kg)

Operating Environment

Temperature
Operating 50° to 95° F (10° to 35° C)
Non- Operating -22° to 140° F (-30° to 60° C)

Humidity

Operating 10% to 90%
Non- Operating 20% to 80%

Altitude

Operating 0 to 10,000 Ft (0-3,048m)
Storage 0 to 30,000 Ft (0-9,144m)

Warranty

3-year on parts and labor

Advanced Programs, Inc. is an NSA-endorsed test services facility and an NSA-endorsed TEMPEST manufacturing facility.

Technical Specifications are subject to change without notice. U.S.A. export controls apply to these products.

E & OE - 4/21/11



HEADQUARTERS - UNITED STATES

Advanced Programs, Inc.
7125 Riverwood Drive
Columbia, MD 21046 U.S.A.
Phone: 410-312-5800 Fax 410-312-5850
<http://www.advprograms.com>

UNITED KINGDOM

API Europe Limited
Vanitec House, Cornbrash Park
Chippenham, Wiltshire, SN14 6RA, UK
Phone +44(0)1249 448777 Fax +44(0)1249 448765
<http://www.api-europe.com>