



TEMPEST Level I - Ultra Small Form Factor

Product Data

Model - DWT-109 (Level I)

Description

API's ultra small workstation is based on a package design utilizing mini-ITX form factor allowing it to be the perfect solution for space constrained environments. The Ultra Small Form Factor meets TEMPEST Level I. This small form factor saves 66% energy cost over a standard desktop without compromising any performance. This ultra small workstation is engineered for demanding, secure office environments. It features 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 PC. Long life cycles with managed transitions facilitate extended deployments. Workstation is available with optional high resolution LCD monitor.

Features

- Certified to NSTISSAM TEMPEST/1-92 Level I and NATO SDIP-27 A standard (formerly AMSG 720B)
- Intel® Core 2 Duo Mobile Processor or Dual Core ATOM D510MO Processor
- Small Form Factor
- Removable Hard Drives
- Slots: 1 half-height PCI
- Microsoft® Windows® XP/Vista Compliant
- Up to 4 USB Ports
- Very low power
- Industry leading three-year warranty



HEADQUARTERS - UNITED STATES

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Specifications

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Processor Options

Intel® Core 2 Duo - (2.2GHz, 4MB L2 cache, 800 MHz FSB)
Intel Dual Core Atom (1.66GHz 512KB L2 cache)
Optional processors available

Motherboards

MX965GM-D
Intel® 965GM Express Chipset
4 MB Level 2 Cache
Up to 4GB DDR2 Synch Dram PC2-5300 (667-MHz) Non ECC
Or
Intel D510MO
Intel NM10 Express Chipset
512KB Level 2 Cache
Up to 4GB DDR2 Synch Dram PC2-5300 (800-MHz) Non ECC

Expendability

1 half-height PCI Slot

Video

Integrated Intel GMA950 (MX965GM-D)
Integrated Intel GMA3150 (D510MO)

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

Operating System

Windows® XP®, Vista

Available Options

Media Devices

CD-RW/DVD-ROM Combo Drive

Hard Drives

160GB Hard Drive 7200rpm

Input/Output

Serial Port
Up to 4 USB 2.0 Ports
Mic in

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)

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 - 7/20/10



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