



TEMPEST Level I, Level II and Zone Workstation

Product Data

Model - DWT-108 (Level I), DWL-108 (Level II) and DWZ-108 (Zone A)

Description

API's business class workstation is based on the HP® dc7900 and meets TEMPEST Level I, Level II and Zone standards.

This convertible mini-tower 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® Quad™ 2 Duo Processor technology with the proven engineering, integration and packaging capabilities of API. The platform design features support for future technologies, stability, expendability and security.

Product Features

Utilizing the latest Intel Q45 Express chipset, this workstation provides the TEMPEST user with new and unique features and options in a compact up-to-date small footprint desktop or mini-tower system. Optionally providing S-ATA drives and multiple high speed USB ports, it is equal in performance and capabilities to any leading-edge corporate PC. HP® Protect Tools™ combined with Intel Active management technology provide advanced security and manageability. Long life cycles with managed transitions facilitate extended deployments. Workstation is available with optional high resolution LCD monitor, microphone and headset.

Features

- Certified to NSTISSAM TEMPEST/1-92 Level I, Level II, Zone and NATO SDIP-27 A & B standard (formerly AMSS 720B & AMSS 788A)
- Intel® Core 2 Quad Q9650 Processor
- HP® dc7900 Series base
- Desktop/Tower Configuration
- Locking Removable Hard Drives
- Slots: 3 full-height PCI, 1 full-height Express X1 and 2 full-height Express X16
- Microsoft® Windows® XP, Windows Vista®
- Energy Star® Compliant
- Three 5.25" Bays, Three 3.5" Bays
- Up to 8 USB Ports
- Industry leading three-year warranty





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Specifications

Model - DWT-108 (Level I), DWL-108 (Level II) and DWZ-108 (Zone A)

Processor

Up to Intel Core 2 Quad Q9650 Processor (2.83-GHz, 12 MB L2 cache, 1333-MHz FSB)
Optional processors available

Motherboard

HP® dc7900
Intel® Q45 Express chipset
8 MB Cache
2-GB DDR2 Synch Dram PC2-6400 (800-MHz) Non ECC. Upgradable to 16GB

Expandability

(3) full-height PCI slots, (1) full-height PCI Express x1 slot, (2) full-height PCI Express x16 slots

Video

Integrated Intel Media Accelerator 4500

See options below for dual video output

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 365 Watt

Operating System

OS Support: Genuine Windows® Vista Business 32, Genuine Windows Vista™ Business 64, Genuine Windows Vista Home Basic 32, Genuine Windows Vista® Business with downgrade to Windows® XP Professional custom installed.

Sound

Integrated high definition audio with internal speaker (disabled upon request)

Storage -Standard

Behind door
80-GB SATA 3.0-Gb/s Hard Drive (locking/removable)

See below for additional storage options

Available Options

Media Devices

SATA CD-RW/DVD-ROM Combo Drive
SATA SuperMulti LightScribe DVD Writer Drive
Smart Card Reader
Media Card Reader.

Floppy Drive, 3.5" 1.44MB

Hard Drives

160-GB SATA 3.0-Gb/s Hard Drive (8MB Cache, 7200 RPM, NCO, Smart IV)
250-GB SATA 3.0-Gb/s Hard Drive (8MB Cache, 7200 RPM, NCO, Smart IV)
500-GB SATA 3.0-Gb/s Hard Drive (8MB Cache, 7200 RPM, NCO, Smart IV)
2nd hard drive, 80-GB SATA 3.0-Gb/s Hard Drive (8MB Cache, 7200 rpm)
2nd hard drive, 160-GB SATA 3.0-Gb/s Hard Drive (8MB Cache, 7200 rpm)
2nd hard drive, 250-GB SATA 3.0-Gb/s Hard Drive (8MB Cache, 7200 rpm)
2nd hard drive, 500-GB SATA 3.0-Gb/s Hard Drive (8MB Cache, 7200 rpm)

Rugged Hard Drives w/Removable Carrier

80-GB SATA Hard Drive
100-GB SATA Hard Drive
120-GB SATA Hard Drive
160-GB SATA Hard Drive
200-GB SATA Hard Drive
250-GB SATA Hard Drive

Memory

Up to 16-GB DDR2 Synch Dram

Input/Output

Serial port
One parallel port
Audio out
Up to 8 USB 2.0 Ports (2 front, 6 rear)
Mic in

Network

100MB/s PCI NIC, ST duplex
100MB/s PCI NIC, SC duplex
1000MB/s PCI NIC, SC duplex
1000MB/s PCI NIC, LC duplex

Video

Dual video output

Input devices

Trackball Mouse
Ergonomic Keyboard
Headset
Microphone

Physical Specifications

Tower

Height 18.2 inches (46.23 cm)
Width 7.88 inches (20.02 cm)
Depth 19.42 inches (49.33 cm)
Weight 32.5 lbs. (14.7 kg)

Desktop

Height 7.88 inches (20.02 cm)
Width 18.2 inches (46.23 cm)
Depth 19.42 inches (49.33 cm)
Weight 32.5 lbs. (14.7 kg)

Ship Dimensions 23.38 x 13.06 x 22.88 in (59.39 x 33.17 x 58.12 cm)
Shipping Weight 43 lbs. (19.5 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 5% to 95%

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 - 9/5/08

Realted Products

TEMPEST LCD Displays
TEMPEST B/W and Color Printers

