



## EMCON Small Form Factor TEMPEST Computer

EMCON, a leader in TEMPEST high performance PCs and workstations, offers government users a Small Form Factor Computer (SFFC) TEMPEST Level I - with an Intel® Core™ 2 Quad processor.

This computer meets the requirements of: NSTISSAM TEMPEST/1-92, Level I; CID09/15A, Level I; and SDIP-27 Level A (providing the equipment and associated systems are installed to the requirements identified in SDIP-29).

Standard peripherals include a 104-key PS/2 keyboard, 2-button wheel mouse and a choice of 19 or 22-inch LCD flat panel display.

### Specifications

#### Intel® Core™ 2 Quad Processor

Standard	2.5 GHz, 1333 MHz FSB, 4 MB L2 Shared Cache
Optional	2.83 GHz, 1333 MHz FSB, 12 MB L2 Shared Cache

#### System Board

Motherboard	Intel G41 Express chipset
Form Factor	MicroATX
BIOS	Rapid BIOS boot, Plug & Play (PnP)

#### Memory

Standard	2 GB Dual Channel DDR2 800 MHz SDRAM
Optional	Upgradeable to 8 GB DDR2 800 MHz SDRAM

#### Storage Devices

Removable HDD	250 GB 7200 RPM SATA
Floppy Disk	3.5" 1.44 MB
Optical	DVD/RW/CD/RW
Optional	SATA disk drives to 500 GB Slim removable HDD and floppy (allows for option in 3.5" bay)

#### Interfaces

Standard	Serial (1), parallel (1) mouse (1), keyboard (1), USB 2.0 (2)
Optional	Additional USB 2.0 Other options considered upon request

#### Video Controller

Standard	Intel Graphics Media Accelerator X4500
Optional	Single head PCI Express X16 512 MB Graphics Card Dual head PCI Express X16 512 MB Graphics Card

#### LCD Flat Panel Displays

TEMPEST Level I 19"
TEMPEST Level I 22"

#### Input Devices

Keyboard	104-key
Mouse	2-button scroll mouse
Optional	bilingual/foreign keyboards, 3-button mouse, trackballs

#### Environment

AC Power	Auto-switching 270W, 100-240 volt, 47-63 Hz UL/CSA approved
Operating	0°C to 38°C (32°F to 100°F)

#### CPU Case

Desk Top	2 - 5.25" half height bays 1 - 3.5" half height bays
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#### Options

- DeskSaver, EMCON's patented, secure KVM switch
- 100BaseFX/1000SX Ethernet
- PC card reader
- Operating System: Windows® 7 (Consult Microsoft Corp. for downgrade rights.)
- Rack mount kit
- Transit case
- Other options considered upon request

#### Dimensions

CPU Case	
Height	15.2 cm (6.0 in.)
Width	43.2 cm (17.0 in.)
Depth	35.6 cm (14.0 in.)
Weight	11.4 kg (25.0 lbs.) - dependent on options

#### Warranty

Three-year, parts and labour, return to depot

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