



EMCON TEMPEST Level II PCs

EMCON, a leader in TEMPEST high performance PCs and workstations, offers government users a TEMPEST Level II PC with an Intel® Core™ 2 Quad processor.

This PC meets the requirements of: NSTISSAM TEMPEST/1-92 Level II; CID09/15A, Level II; and SDIP-27 Level B (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	Additional 250 GB 7200 RPM SATA SATA disk drives to 500 GB

Interfaces

Standard	Parallel (1), mouse (1), keyboard (1), USB 2.0 (4)
Optional	Serial port Additional USB 2.0 Other options considered upon request

Video Controller

Standard	Intel Graphics Media Accelerator X3100
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 II 19"
TEMPEST Level II 22"

Input Devices

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

Environment

AC Power	Switch switchable, 400W 90-264 volt, 47-63 Hz UL/CSA approved
Operating	0°C to 38°C (32°F to 100°F)

CPU Case

3 - 5.25" half height bays (one for option)
2 - 3.5" half height bays (one for option)

Options

- 100BaseFX/1000SX Ethernet
- PC card reader
- Operating System: Windows® 7 (Consult Microsoft Corp. for downgrade rights.)
- Other options considered upon request

Dimensions and Weight of CPU Case

Height	39.4 cm (15.5 in.)
Width	21.6 cm (8.5 in.)
Depth	45.7 cm (18.0 in.)
Weight	8.64 kg (19 lbs.)

Warranty

Three-year, parts and labour, return to depot

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