

TEMPEST Server

SDIP-27 Level B



Based on HP Z8 Workstation G4

Description and typical configuration	
Casing	Aluminum Tower
Processor	Intel® Xeon® Silver 4216 Processor, 16 cores, 2.1 GHz, 22MB cache
Memory	16GB DDR4-2666 ECC
Graphics	NVIDIA® Quadro® P400 2GB
Sound	Integrated sound card and speaker
Storage	4x 1TB SATA 7200rpm 6Gb/s, Factory integrated RAID 0, 1 & 10
Optical drive	DVD+/-RW super-multi Lightscribe optical drive
Interface ports	4x DisplayPort, 2x rear USB 2.0 ports (Type A) 1x Keyboard & 1x mouse USB ports (Type A)
Keyboard	105-Key QWERTY International Windows keyboard
Pointing Device	Optical 2-button mouse with scroll wheel
Security	PnP and BIOS setup/boot password/setup password TPM 2.0 chip on motherboard
Network	4x 1Gbps Fibre Ethernet interfaces LC connectors
Power	TEMPEST Level B Filtered Power supply, 110-230VAC 50/60Hz auto, 1.8m shielded power cable with country specific mains plug
Operating System	Windows 10 Pro 64-bit for workstations
Dimension (hxwx d)	49 x 25 x 71cm, Weight: 15kg
Options and upgrades	
Processor	Up to Intel® Core™ Platinum 8280 Processor, 28 cores, 2.7 GHz, 38.5MB cache
Memory	Up to 1.5TB DDR4-2666 ECC
Graphics	Dedicated add-in single or Dual head Graphics cards
Storage	Additional or Higher capacity HDD, SSD or M.2 storage and RAID
Operating System	Alternative Linux, RedHat or Ubuntu
Network	Downgrade to 100Mbps Fibre Ethernet interfaces SC connectors
Security	Drive bay door interlock: blanks screens when door is open
Country kit	Country specific keyboard layouts and mains cables/plugs
Misc	Optional interface ports and support for add-in cards e.g. Crypto; Optional laser mouse; Additional cooling
Warranty	Extended Warranty options [Standard 12-month Return to Factory]