

SPECIFICATIONS

SERVER CONFIGURATION – I

Unit Price: 175329/-
(with 6 Years' Comprehensive onsite Warranty)

Model: HCL Infiniti Global Line 2700 HN

Server with:

- Motherboard of Intel Make with support for dual processor and 6 PCI slots (Triple peer PCI, with bus A: two 64-bit/100 MHz, bus B: one 64 bit/133 MHz, bus C: three 32 bit/33 MHz)
- Intel Xeon - 2.8 GHz Processor (Single CPU)
- 512 KB L2 Cache
- 533 MHz FSB
- Intel 7501 Chipset
- 2x512MB PC2100 (266 MHz) DDR-SDRAM with ECC
- Integrated on M/B Dual Channel Ultra320 (320 MBPS) SCSI controller
(Adaptec AIC 7902 W Dual Channel: two Ultra320/ LVD Channels supporting RAID 0 & 1)
- Intel Ultra 320 SCSI RAID5 Controller with 64 MB CACHE
- Dual Channel Intel 82546 EB Gigabit Ethernet Controller
- Integrated on M/B ATI RAGE XL SVGA PCI video controller with 8 MB of video memory
- Two ATA-100 EIDE channels for a total of four IDE Drives
- 3x36GB Ultra 320 SCSI Hot pluggable Seagate HDDs (10K or higher rpm) with RAID 5 implementation
- 16x or higher DVD-ROM drive (Samsung/ LG)
- 20/40 GB SCSI CTD
- 1.44 MB FDD MITSUMI
- Port: 2x Serial, 3xUSB, 1x PS/2 Mouse, 1x PS/2 KBD
- Bays: 1x3.5" External, 3x5.25" External, 6x3.5" (Hot Swap) Internal
- HCL 17" SVGA colour monitor with maximum 0.27mm dot pitch & MPR -II compliant, anti glare, anti static coating, 1024 x 768 resolution at 72 Hz and 16 million colours, Energy star compliance same brand as that of PC.
- 104 Keys OEM Keyboard same brand as that of PC with soft keys

- HCL Optical Mouse with pad.
- **Bundled System software:** Equipped with the System Configuration and management Tools, OS Installation and Configuration utility, System Information Utility Software. Driver Software for all the adapters as per the configuration and OS required and all the related Manuals as per above.
- **Server Management Software:** ISM with (a) Remote management of the server over LAN (b) Remote power soft-shutdown if the OS is up & running (particularly windows) (c) Integrated Management Log (d) Server health logging (e) Failure detection for voltage variation, thermal OS watchdog, fan failed, drive failed etc. (f) CPU heat sink fan check.
- **Certifications:** Energy Star Compliant, NSTL, ISO 9001: ISO 14001, PCI 2.2 Compliant, ACPI 1.0 Compliant
- **OS Certifications:** Windows Server 2003, Linux and SCO Unixware 7.1.x

Server Chassis with Hot Swap Redundant power supply, 2-rpm monitorable fans and front Bezel keylock.

Latest Antivirus Software (Mcafee 8.0 or Norton 2004 with Internet Security Suite) with three years' update/upgrade facility

SERVER CONFIGURATION – II

Unit Price: 103160/-
(with 6 Years' Comprehensive onsite Warranty)

Model: HCL Infiniti Global Line 2700 HN

Server with:

- Motherboard of Intel Make with support for dual processor and 6 PCI slots (Triple peer PCI, with bus A: two 64-bit/100 MHz, bus B: one 64 bit/133 MHz, bus C: three 32 bit/33 MHz)
- Intel Xeon - 2.8 GHz Processor (Single CPU)
- 512 KB L2 Cache
- 533 MHz FSB
- Intel 7501 Chipset
- 2x256MB PC2100 (266 MHz) DDR-SDRAM with ECC
- Integrated on M/B Dual Channel Ultra320 (320 MBPS) SCSI controller (Adaptec AIC 7902 W Dual Channel: two Ultra320/ LVD Channels supporting RAID 0 & 1)
- Dual Channel Intel 82546 EB Gigabit Ethernet Controller
- Integrated on M/B ATI RAGE XL SVGA PCI video controller with 8 MB of video memory
- Two ATA-100 EIDE channels for a total of four IDE Drives
- 2x36GB Ultra 320 SCSI Seagate HDDs (10K or higher rpm) with RAID 1 implementation
- 16x or higher DVD-ROM drive (Samsung/ LG)
- 20/40 GB SCSI DAT
- 1.44 MB FDD MITSUMI
- Port: 2x Serial, 3xUSB, 1x PS/2 Mouse, 1x PS/2 KBD
- Bays: 1x3.5" External, 2x5.25" External, 5x3.5" Internal
- HCL 17" SVGA colour monitor with maximum 0.27mm dot pitch & MPR -II compliant, anti glare, anti static coating, 1024 x 768 resolution at 72 Hz and 16 million colours, compliance, Energy star compliance same brand as that of PC.
- 104 Keys OEM Keyboard same brand as that of PC
- HCL Optical Mouse with pad.

- **Bundled System software:** Equipped with the System Configuration and management Tools, OS Installation and Configuration utility, System Information Utility Software. Driver Software for all the adapters as per the configuration and OS required and all the related Manuals as per above.
- **Server Management Software:** ISM ISM with (a) Remote management of the server over LAN (b) Remote power soft-shutdown if the OS is up & running (particularly windows) (c) Integrated Management Log (d) Server health logging (e) Failure detection for voltage variation, thermal OS watchdog, fan failed, drive failed etc. (f) CPU heat sink fan check.
- **Certifications:** Energy Star Compliant, NSTL, ISO 9001: ISO 14001, PCI 2.2 Compliant, ACPI 1.0 Compliant
- **OS Certifications:** Windows Server 2003, Linux and SCO Unixware 7.1.x

Server Chassis with adequate Power Supply, monitorable fans and front Bezel keylock.

Latest Antivirus Software (Mcafee 8.0 or Norton 2004 with Internet Security Suite) with three years' update/upgrade facility

DESKTOP CONFIGURATION – (P4 with HT based PC)

Unit Price: 34,965/-
(with 6 Years' Comprehensive onsite Warranty)

Model: HCL Infiniti Pro BL 1090

The System with:

- MicroATX Motherboard either HCL OEM (ASUS) with 3 PCI slots (PCI 2.3 compatible) & 1 x AGP8x Slot.
- Intel P-IV 2.8 GHz Processor with HT technology
- 512KB L2 cache
- 800MHz FSB
- Intel 865G Chipset
- Dual Channel 2x128 MB PC3200 DDR RAM 400 MHz Non ECC
- 4 memory slots
- 40GB Ultra DMA -100 Seagate Hard Disk Drive (7200 rpm with SMART III).
- 52x IDE CD-ROM drive SAMSUNG/ LG/ OEM
- 1.44 MB FDD MITSUMI
- Integrated on M/B Soundmax Digital AC97 (or equivalent) audio with min. 5 X 5 Watts (rms) Speakers and microphone
- Integrated on M/B 8X AGP Display controller
- Intel extreme graphics 2 Integrated
- Integrated on M/B dual channel IDE interface with Ultra ATA-100 controller.
- Integrated on M/B 10/100Mbps ethernet controller with full duplex & WOL support
- Ports -1x Parallel, 1xSerial, 6xUSB, 1x PS/2 Mouse, 1x PS/2 KBD, 1xVGA & 1xRJ45
- HCL 15" SVGA colour monitor with maximum 0.28mm dot pitch & MPR -II compliant, anti glare, anti static coating, 1024 x 768 resolution at 60 Hz and 16 million colours, energy star compliance, same brand as that of PC.
- 104 Keys HCL Normal Internet Keyboard/ Bi-Lingual Keyboard with soft keys.
- HCL Scroll Mouse with pad.
- Desktop Management Interface (DMI) implementation
- Antivirus Software (latest version of McAfee 8.0 or Norton 2004 with Internet Security Suite) in media with 90 days update/upgrade facility.

MicroATX Chasis with 1 x 3.5" & 2 x 5.25" front accessible bays , 2 x 3.5" internal drive bays and Slim Chasis with 1 x 3.5" & 1 x 5.25" front accessible bays , 2 x 3.5" internal drive bays in case of Infinity Pro SL. Power supply of min. 160W.

Manageability Features: HDMS (HCL Desktop Management Software) Software

- Asset Management: Gives summary of computer: BIOS, Disk Drives, Installed Applications, Memory, Motherboard, Slots, Multimedia, OS Information, USB Ports, Processor, System Resources, asset tag (Monitors Serial Numbers of System, Hard Disk, RAM etc.).
- Health Monitoring: Log entry for critical changes in Drive (Space), CPU Fan (Speed), CPU voltage, CPU Temperature. Automatic shutdown can be set when CPU temperature exceeds threshold limit.
- Security : Removable media boot control , serial , parallel and USB interface control, power on and setup password. Provision for external lock and Kensington slot(Desirable) .
- Remote Management : Remote shutdown, Reboot

Certifications :

- Windows XP certified (WLP 2.1).
- Linux Ready, Novell Client
- Energy Star
- DMI 2.0 compliant as certified on their site
- NSTL
- PCI 2.2 compliant
- ACPI 1.0 compliant
- ISO 9001: 2000 certification for design, manufacturing and services.
- ISO 14001: 1996 certification for environmental standard

Preloaded Windows-XP Professional OS with recovery CD (constructive restore option should be available) for Windows-XP Professional and Drivers (as a Microsoft Partner)

DESKTOP CONFIGURATION – (P4 without HT based PC)

Unit Price: 29,683/-
(with 6 Years' Comprehensive onsite Warranty)

Model: HCL Infiniti Pro BL 1080

The System with

- MicroATX Motherboard either HCL OEM (GIGABYTE) with minimum 3 PCI (2.2 compatible) slots
- Intel P-IV 2.4 GHz Processor without HT technology
- 512KB L2 cache
- 533MHz FSB
- Intel 845GV Chipset
- 256 MB PC 2700 DDR RAM 333 MHz Non ECC
- 40GB Ultra DMA -100 Seagate Hard Disk Drive (7200 rpm with SMART III).
- 52x IDE CD-ROM drive (SAMSUNG/ LG)
- 1.44 MB FDD MITSUMI
- Integrated on M/B Soundmax Digital AC97 (or equivalent) audio with min. 5 X 5 Watts (rms) Speakers and microphone
- Integrated on M/B dual channel IDE interface with ATA-100 controller.
- Integrated on M/B 10/100Mbps ethernet controller with full duplex & WOL support
- Ports -1x Parallel, 1xSerial, 6xUSB, 1x PS/2 Mouse, 1x PS/2 KBD, 1xVGA & 1xRJ45
- HCL 15" SVGA colour monitor with maximum 0.28mm dot pitch & MPR -II compliant, anti glare, anti static coating, 1024 x 768 resolution at 60 Hz and 16 million colours , asset controlled , energy star compliance ,same brand as that of PC
- 104 Keys HCL Normal Internet Keyboard/ Bi-Lingual Keyboard with **soft keys**
- HCL Scroll Mouse with pad.
- Desktop Management Interface (DMI) implementation
- Antivirus Software (latest version of Mcafee 8.0 or Norton 2004 with Internet Security Suite) in media with 90 days update/upgrade facility

MicroATX Chasis with 1 x 3.5" & 2 x 5.25" front accessible bays , 2 x3.5" internal drive bays and power supply of min. 160W.

Manageability Features: HDMS (HCL Desktop Management Software) Software

- Asset Management: Gives summary of computer: BIOS, Disk Drives, Installed Applications, Memory, Motherboard, Slots, Multimedia, OS Information, USB Ports, Processor, System Resources, asset tag (Monitors Serial Numbers of System, Hard Disk, RAM etc.).

- Health Monitoring: Log entry for critical changes in Drive (Space), CPU Fan (Speed), CPU voltage, CPU Temperature. Automatic shutdown can be set when CPU temperature exceeds threshold limit.
- Security : Removable media boot control , serial , parallel and USB interface control, power on and setup password. Provision for external lock and Kensington slot(Desirable) .
- Remote Management : Remote shutdown, Reboot

Certifications :

- Windows XP certified (WLP 2.1).
- Linux Ready, Novell Client
- Energy Star
- DMI 2.0 compliant as certified on their site
- NSTL
- PCI 2.2 compliant
- ACPI 1.0 compliant
- ISO 9001: 2000 certification for design, manufacturing and services.
- ISO 14001: 1996 certification for environmental standard

Preloaded Windows-XP Professional OS with recovery CD (constructive restore option should be available) for Windows-XP Professional and Drivers (as a Microsoft Partner).

DESKTOP CONFIGURATION – (Celeron based PC)

Unit Price: 25,764/-
(with 6 Years' Comprehensive onsite Warranty)

Model: HCL Infiniti Pro BL 1080

The System with

- MicroATX Motherboard either HCL OEM (GIGABYTE) with minimum 3 PCI (PCI 2.2 compatible) slots.
- Intel Celeron 2.40 GHz Processor
- 128KB L2 cache
- 400MHz FSB
- Intel 845GV Chipset
- 256 MB PC 2700 DDR RAM 333 MHz Non ECC (Expandable up to 2 GB)
- 40GB Ultra DMA -100 Seagate Hard Disk Drive (7200 rpm with SMART III).
- 52x IDE CD-ROM drive (SAMSUNG/ LG)
- 1.44 MB FDD MITSUMI
- Integrated on M/B Soundmax Digital AC97 (or equivalent) audio with min. 5 X 5 Watts (rms) Speakers and microphone.
- Integrated on M/B dual channel IDE interface with Ultra ATA-100 controller.
- Integrated on M/B 10/100Mbps ethernet controller with full duplex & WOL support
- Ports -1x Parallel, 1xSerial, 6xUSB, 1x PS/2 Mouse, 1x PS/2 KBD, 1xVGA & 1xRJ45
- HCL 15" SVGA colour monitor with maximum 0.28mm dot pitch & MPR -II compliant, anti glare, anti static coating, 1024 x 768 resolution at 60 Hz and 16 million colours, asset controlled, energy star compliance, same brand as that of PC
- 104 Keys HCL (Normal/ Bi-Lingual) Internet Keyboard with **soft keys**
- HCL Scroll Mouse with pad.
- Desktop Management Interface (DMI) implementation
- Antivirus Software (latest version of Mcafee 8.0 or Norton 2004 with Internet Security Suite) in media with 90 days upgrade/ update facility

MicroATX Chasis with 1 x 3.5" & 2 x 5.25" front accessible bays , 2 x3.5" internal drive bays and power supply of min. 160W.

Manageability Features: HDMS (HCL Desktop Management Software) Software

- Asset Management: Gives summary of computer: BIOS, Disk Drives, Installed Applications, Memory, Motherboard, Slots, Multimedia, OS Information, USB Ports, Processor, System Resources, asset tag (Monitors Serial Numbers of System, Hard Disk, RAM etc.).

- Health Monitoring: Log entry for critical changes in Drive (Space), CPU Fan (Speed), CPU voltage, CPU Temperature. Automatic shutdown can be set when CPU temperature exceeds threshold limit.
- Security : Removable media boot control , serial , parallel and USB interface control, power on and setup password. Provision for external lock and Kensington slot(Desirable) .
- Remote Management : Remote shutdown, Reboot

Certifications :

- Windows XP certified (WLP 2.1).
- Linux Ready, Novell Client
- Energy Star
- DMI 2.0 compliant as certified on their site
- NSTL
- PCI 2.2 compliant
- ACPI 1.0 compliant
- ISO 9001: 2000 certification for design, manufacturing and services.
- ISO 14001: 1996 certification for environmental standard

Preloaded Windows-XP Professional OS with recovery CD (constructive restore option should be available) for Windows-XP Professional and Drivers (as a Microsoft Partner)

UPS – I

Unit Price: 38,750/-
(with 3 Years' Comprehensive onsite Warranty &
2 Years' on Batteries)

Model: TINY TRITON TT-2K

UPS with:

- Capacity 2500VA
- Inverter Device IGBT based
- DG Set compatibility
- Rated Output Voltage 230 V(1-Phase)
- Rated Output Current 8.5 A at 0.8 p.f./7A at U.P.F
- Switching Frequency 20KHz
- Voltage Range 160-270 VAC
- Input Frequency Range 50 Hz ± 6%
- Input Current THD < 15%
- THD Output <3% for non-linear loads and < 2% for linear loads .
- No. of phases 1-Phase
- Voltage Regulation (Mains Mode) 230 V +- 1%
- Waveform pure sinewave
- Power Factor 0.6 lag to unity
- Output Frequency regulation
 - Free running Mode 50Hz ± 0.5%
 - Sync Mode 50Hz ± 2 %
- Crest factor for loads 3:1
- Overall Efficiency >85%
- Inverter Efficiency > 90%
- Cold Start Feature
- Charger Type CVCC SMPS based
- Overload Capacity 110% for 10 min 125% for 1 min
- Batteries SMF (VRLA) Type of Exide Make to provide 1 hr backup Min VAH : 4056VAH (13x12Vx26AH) Min DC Voltage :156 V DC
- Quality Standards ISO-9001-2000 Certified Safety Standards and EMC Standards as per IEC standards

Note:

Rs. 4,750/- extra, to be payable at the beginning of 4th year, for three years extended warranty.

UPS – II

Unit Price: 1,66,667/-

(with 3 Years' Comprehensive onsite Warranty on UPS &
2 years' on batteries)

Model: TINY TRITON TT-10K

UPS with:

Capacity in VA 10KVA

- Inverter Device IGBT based
- DG Set compatibility
- Rated Output Voltage 230 V(1-Phase)
- Rated Output Current 40 A at 0.8 p.f./32A at U.P.F
- Switching Frequency 20KHz
- Input Voltage Range 300-460 VAC (3- .)
- Input Frequency Range 50 Hz ± 5%
- Input Current THD < 15%
- THD Output <3% for non-linear loads and < 2% for linear loads .
- No. of phases 3
- Voltage Regulation (Mains Mode) ± 1%
- Voltage Regulation (Inverter Mode) ± 2%
- Output Frequency regulation
- (iii) Free running Mode 50Hz ± 0.5%
- (iv) Sync Mode 50Hz ± 2 %
- Waveform pure sinewave
- Power Factor 0.6 to unity
- Crest factor for loads 2.5:1
- Inverter Efficiency > 90%
- Overall Efficiency >85%
- Cold start feature
- Charger Type CVCC SMPS based
- Overload Capacity 110% for 10 minutes and 125 % fro 1 minute .
- Batteries SMF (VRLA) Exide to provide 1 hr backup VAH : 19200 VAH (16x12V/100 AH)
Min DC Voltage :180 V DC
- Quality Standards ISO-9001-2000 Certified Safety Standards and EMC Standards as per IEC standards
- Software option / Interface RS 232 port / DB – 9 port : SNMP Compatible

Note:

Rs. 16,667/- extra, to be payable at the beginning of 4th year, for three years extended warranty.

LASER PRINTERS – (A4 size)

Unit Price: 12,960/-
(with 3Years' Comprehensive onsite Warranty)

Model: HP LaserJet 1015

The Printer with

- Resolution 600x600 dpi
- Paper Handling : A4, A5, letter, legal, executive, B5 (JIS), B5 (ISO), C5
- Media Types : Plain paper, envelopes, transparencies, card stock, postcards, labels
- Speed: 14 ppm
- Input and output trays: at least 100 sheets for input and output trays
- Interface: USB (necessary), IEEE 1284/ 1384 (desirable)
- Memory : 8MB
- Duty Cycle : 6000 pages per month
- **Drivers : Windows XP/ 2K and all other OSs**

Note:

Rs. 3,600/- extra, to be payable at the beginning of 4th year, for three years extended warranty.

LASER PRINTERS – (A3 size)

Unit Price: 69,420/-
(with 3 Years' Comprehensive onsite Warranty)

Model: HP LaserJet 5100

The Printer with

- Resolution 1200x1200 dpi
- Paper Handling : A3, A4, letter, legal, executive, tabloid, no. 10
- envelopes
- Media Types : Plain paper, envelopes, transparencies, card stock, postcards, labels, two side printing possible
- Speed: 20 ppm on A4 and 10 ppm on A3
- Input and output trays: 200 sheets for output and multiple trays for input
- Interface: Parallel/USB (necessary), IEEE 1284/ 1384 (desirable)
- Memory : 16 MB
- Duty Cycle : 45000 pages per month
- **Drivers : Windows XP and all other OSs**

Note:

Rs. 10,530/- extra, to be payable at the beginning of 4th year, for three years extended warranty.

LINE MATRIX PRINTERS

Unit Price: 1,27,380/-
(with 3 Years' Comprehensive onsite Warranty)

Model: Wep P-500 (500 lpm Line Matrix Printer)

The Printer with

- Printing Speed in Text: 500 lpm
- Printing Speed in Graphics: 30 lpm (at 60 x 72 dpi)
- Duty Cycle: 3500 pages per day
- Paper Width: 16 inches
- Form Handling (Width and no. of copies) : 132 columns @ 10cpi and 6 copies
- Noise Level: Less than 65 db
- Interface: RS232 and Centronics Parallel (both active simultaneously)
- Devnagari Handling: Should be capable of printing Devnagari Fonts under the software for Land Records developed by NIC, HP Unit

Note:

Rs. 28,560/- extra, to be payable at the beginning of 4th year, for three years extended warranty.
