|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Items | Specifications | Quantity  |
| 1 | Laptop Core I 7 | Complete Set Intel Core I7 Equivalent Processor Speed: Intel Core i7 8th Gen or updated Ram: 8 GBHard Drive: 1TB HDDOptical Drive: DVD RWDisplay: 15.6-inch HD (1366 x 768) Truelife LED-backlit displayWifi: YesLan: YesGraphics: 2 GB AMD REDEON R5 M430Or Equivalent | 50 |
| 2 | Laptop Core i 5 | Complete Set Intel core I 5 ,8th Gen or updated8 GB Ram DDR4 1TB HDD | 50 |
| 3 | Laptop Core I 3 |  Complete Set Intel core I 5 , 8th Gen or updated8 GB Ram DDR4 1tb GB HDD | 50 |
| 4 | Computer Set Intel core i7 | Complete Set Processor Type Intel core i7, 8th Gen or updatedRAM size 4GBHard drive size 1TBPROCESSOR Processor Speed 3.6 GHz Max Turbo Frequency 4.2 GHz Processor Bits 64 Processor Threads 4 No of Cores Quad-Core L2 cache  L3 cache 8MB MEMORY RAM size 8GB Type of memory DDR4 SDRAM STORAGE Hard drive size 1TB RAID controllers  SSD  Memory card reader Yes Type of memory cards SD Memory Card GRAPHICS CARD  Graphics processor AMD Radeon R7 450 Keyboard & MouseOr Equivalent | 50 |
| 5 | Computer Set Intel Core i5 | Complete Set Intel Core i5 8th Gen or updatedRam 4 GBHard disk 1 TB Hard diskScreen 19"  | 50 |
| 6 | Computer Set Intel Core i3 | Complete Set Intel Core i3 8th Gen or updatedProcessor 2.5 GHzRam 4 GBHard disk 500 GB | 50 |
| 7 | Laptop trolley for wards  | Laptop trolley for wards | **20** |
| 8 | Ultra Flat Wall Mount Computer Station  | Ultra Flat Wall Mount Computer Station | **30** |
| 9 | Splicing Machine | For Fiber installation | **1** |
| 10 | 4 TB Hard Disk 1 TB Hard Disk  | With 7200 rpm speed  1 year warranty | **10** |
| 11 | 8TB External HDD | 8TB External Hard disk with fastest Speed  | 5 |
| 12 | RAM (4GB)DDR3 | 4GB Single DDR3 Ram | 15 |
| 13 | RAM(8GB)DDR3 | 8GB Single DDR3 Ram | 15 |
| 14 | RAM(4GB)DDR2 | 4GB DDR4 SDRAM | 15 |
| 15 | Semis Cell | Computer CELL | 20 |
| 16 | 4TB External HDD | [Seagate 4TB Backup Plus Portable Hard Drive](https://www.bhphotovideo.com/c/product/1181456-REG/seagate_stdr4000100_backup_plus_4tb_portable.html)4TB Storage CapacityUSB 3.0 ConnectivityBus PoweredPlug-and-Play CompatibleUSB 3.0 Cable IncludedPreformatted for WindowsMac Compatible with Reformatting | 3 |
| 17 | Mouse | [Genuine DELL MS111-P USB Optical Mouse 3 BUTTON WHEEL](https://www.amazon.com/Genuine-MS111-P-Optical-BUTTON-Original/dp/B014LDW8BK),Brand: DellInterface: USBType: StandardConnectivity: WiredOr Equivalent | 500 |
| 18 | * [Keyboard](https://www.indiamart.com/proddetail/dell-keyboard-12379221862.html)
 | * Product Dimensions : 6 x 17 x 2 inches
* Item Weight : 1.4 pounds
* Shipping Weight : 1.4 pounds (View shipping rates and policies)
* Manufacturer : Dell Computers
* ASIN : B008C4JA66
* Origin : Made in USA or Imported

Or Equivalent | 500 |
| 19 | Wireless Keyboard / Mouse | * [Wireless Keyboard and Mouse Combo - KM714 | Dell](http://www.dell.com/en-us/work/shop/wireless-keyboard-and-mouse-combo-km714/apd/332-1396/pc-accessories)
 | 10 |
| 20 | Branded Power Cable | Power cable Original Branded with Fuse* Power cable Original Branded
* With Fuse
* For Computer Pc Desktop Printer scanner UPS And House Hold Items
* 3 pin Socket Sport
* 3 Pin Supply
* voltage 250
 | 100 |
| 21 | VGA Cable | VGA Branded Cables Normal Length  | 5 |
| 22 | VGA to HDMI | VGA to HDMI | 5 |
| 23 | VGA Cable 15M | VGA Branded Cables 15M | 10 |
| 24 | VGA spliter |  | 8 |
| 25 | HDMI To VGA Cable Converter | Universal HDMI To VGA Cable Converter | 5 |
| 26 | DVD R/W |  DVD-R/W 4.7 GB | 5 |
| 27 | LAN CARD USB | USB LAN 3.0 To RJ45 Lan Network Ethernet Adapter Card Converter | 20 |
| 28 | USB sound card |  | 3 |
| 29 | PCI LAN CARD | PCI Slot for LAN (Network) card | 20 |
| 30 | PRINTER DATA Cable | Branded Printer Cable | 50 |
| 31 | HDMI Cable | HDMI 25 meter Cable | 10 |
| 32 | HDMI to VGA Converter | HDMI to VGA Converter | 5 |
| 33 | HDMI to DVI Converter | HDMI to DVI Converter | 5 |
| 34 | 12 volt Adopters | 12volt Adopters (2.4, 3 Amp) | 10 |
| 35 | 24 volt adopters | 24 volt adopters(3, 3.4 Amp) | 10 |
| 36 | 6 volt Adopters | 6 volt Adopters( 2 Amp) | 5 |
| 37 | USB 8GB 2.0 (3.0) | USB 8GB 2.0 (3.0) | 10 |
| 38 | USB 16GB 3.0 | USB 16GB 3.0 | 5 |
| 39 | USB 32GB 3.0 | USB 32GB 3.0 | 5 |
| 40 | Ribbon | Ribbon for TSC ME-240 Or Equivalent | 600 |
| 41 | Label | Label for TSC ME-240 Or Equivalent | 600 |
| 42 | LQ ribbons | LQ Dot matrix ribbon Or Equivalent | 500 |
| 43 | External CD Rom | USB external DVD ROM with data and power cable box pack | 1 |
| 44 | Laptop Power cable | Branded Laptop Power cable | 5 |
|  |
| 45 | Black Copper thermal Printer | Black Copper Thermal Receipt Printer heavy duty  | 5 |
| 46 | Thermal printer a4 size with single paper |  | 5 |
| 47 | M604 Printer | HP LaserJet Enterprise M604 Or Equivalent | 6 |
| 48 | * HP LaserJet Pro 400 M451nw
 | * HP LaserJet Pro 400 M451nw Or Equivalent
 | 10 |
| 49 | Epson LQ printer | * Epson LQ dot matrix printer Or Equivalent
 | 10 |
| 50 | * HP LaserJet Enterprise 600 Printer M602n
 | * HP LaserJet Enterprise 600 Printer M602n Or Equivalent
 | 10 |
| 51 | * TSC label printer
 | * TSC label printer
 | 10 |
| 52 | * HP LaserJet pro M12a
 | * HP LaserJet pro M12a Or Equivalent
 | 100 |
| 53 | * HP LaserJet pro M15a
 | HP LaserJet pro M15a Or Equivalent | 100 |
| 54 | * [HP SCANJET G3110 Photo Scanner](http://www.whatprice.com.pk/index.php/computers/scanners/hp/3900-hp-scanjet-g3110-photo-scanner-price-in-pakistan)
 | [HP SCANJET G3110 Photo Scanner](http://www.whatprice.com.pk/index.php/computers/scanners/hp/3900-hp-scanjet-g3110-photo-scanner-price-in-pakistan) Equivalent Or Equivalent | 5 |
| 55 | HP laserjet scanner 2500 |  | 2 |
| 56 | HP LaserJet Pro P1108 Printer | HP LaserJet Pro P1108 Printer* Or Equivalent
 | 2 |
| 57 | * HP LaserJet Pro 400 color Printer M451dn
 | * HP LaserJet Pro 400 color Printer M451dn
* Or Equivalent
 | 10 |
| 58 | * HP LaserJet 1020 Plus Printer
 | * HP LaserJet 1020 Plus Printer
* Or Equivalent
 | 5 |
| 59 | * HP laserjet scanner 2500
 | HP laserjet scanner 2500 and equivalent series Or Equivalent | 5 |
| 60 | * HP 3 in one Laser Jet Printer
 | HP 3 in one Laser Jet PrinterPrint, Copy, Scan, FaxUpto 22ppm PrintSpeedFirst Page out as fast as 7.6 SecsLaser Print TechnologyWifi + LAN + USB Or Equivalent | 5 |
| * 61
 | * [Canon CanoScan LiDE 300 Color Image Scanner](http://www.whatprice.com.pk/index.php/computers/scanners/canon/7090-canon-canoscan-lide-120-color-image)
 | [Canon CanoScan LiDE 300 Color Image Scanner](http://www.whatprice.com.pk/index.php/computers/scanners/canon/7090-canon-canoscan-lide-120-color-image) or equivalent Or Equivalent | 5 |
| 62 | * HP 80A Tonner
 | [HP 80A Black Original LaserJet Toner Cartridge](https://store.hp.com/us/en/pdp/hp-80a-black-original-laserjet-toner-cartridge)  | 1000 |
| 63 | * HP 85A Tonner
 | [HP 85A Black LaserJet Toner Cartridge](https://store.hp.com/us/en/pdp/hp-80a-black-original-laserjet-toner-cartridge) rates for simple and original | 1000 |
| 64 | * HP 17a tonner
 | HP 17a Black LaserJet Toner Cartridge rates for simple and original | 1000 |
| 65 | * HP 19a Tonner
 | HP 19a Tonner rates for simple and original | 1000 |
| 66 | * HP 90A tonner
 | * HP 90A tonner rates for simple and original
 | 1000 |
| 67 | * HP M252 color printer tonner
 | HP M252 color printer tonner | 1000 |
| 68 | * HP 49A Tonner
 | [HP 49A Black LaserJet Toner Cartridge](https://store.hp.com/us/en/pdp/hp-80a-black-original-laserjet-toner-cartridge) rates for simple and original | 1000 |
| 69 | * HP 53A Tonner
 | [HP 53A Black l LaserJet Toner Cartridge](https://store.hp.com/us/en/pdp/hp-80a-black-original-laserjet-toner-cartridge) rates for simple and original | 1000 |
| 70 | [HP 79A Black Compatible Toner Cartridge](https://www.inkcartridges.com/product-hp-compatible-laser-cf279acta-93665) | [HP 79A Black Compatible Toner Cartridge](https://www.inkcartridges.com/product-hp-compatible-laser-cf279acta-93665) | 1000 |
| 71 | * HP 81A Tonner
 | [Compatible HP 81A Black Toner Cartridge](https://www.stinkyinkshop.co.uk/products/compatible-hp-81a-black-toner-cartridge-vtcf281a) rates for simple and original | 1000 |
| 72 | * Hp pro 400 Printer Fuser
 | HP LaserJet Pro 400 M401n Fuser full Unit | 20 |
| 73 | * Hp 1320 Printer Fuser
 | HP LaserJet 1320 Fuser Unit - 110 / 120 Volt | 20 |
| 74 | * Hp 2015 Printer Fuser
 | HP LaserJet P2015 Fuser Unit - 120 Volt | 20 |
| 75 | * Hp 1102 Printer Fuser
 | LaserJet Pro P1102w Fuser / Delivery Unit - 110 / 120 Volt | 20 |
| 76 | * Printer Clutch for printers (all models)
 | * Printer Clutch for printers (all models)
 | 50 |
| 77 | * Pressure Roller printers (all models)
 | * Pressure Roller printers (all models)
 | 50 |
| 78 | * Heater printers (all models)
 | * Heater printers (all models)
 | 50 |
| 79 | * Formative Card (all models)printers
 | * Formative Card (all models)printers
 | 50 |
| 80 | * Hp pro400 printer Paper picker
 | Hp pro400 printer Paper picker | 50 |
| 81 | * Hp 1320 printer Paper picker
 | Hp 1320 printer Paper picker | 50 |
| 82 | * Hp 1102 printer Paper picker
 | Hp 1102 printer Paper picker | 50 |
| 83 | * HP pro 400 printer heat sleeve
 | For HP LaserJet Pro 400 M401 M425 M401d M401dn M425dn M425dw Fuser Film Sleeves, For HP M401 M425 400 M 401 425 Fixing Film | 50 |
| 84 | * HP 1102 printer heat sleeve
 | 10X HP LaserJet P1102 P1606 M1536 M401 M425 P2035 P2055 1213NF Fuser Film Sleeve | 50 |
| 85 | * Hp 1102 printer Fuser Roller
 | Compatible NEW for HP P1102W P1560 P1566 P1102 P1536 P1606dn Fuser Pressure Roller Lower sleeve roller LPR-1102-000 LPR-1102 | 50 |
| 86 | * Hp pro400 printer Fuser Roller
 | Pressure Roller Lower sleeve roll | 50 |
| 87 | * Hp 1320 printer heat sleeve
 | FILM1320 Fuser Film Sleeve, OEM for HP LaserJet 1320 | 50 |
| 88 | * Magnet for tonner
 | Magnet for tonner | 50 |
| 89 | * Hp Enterprise M553 toners
 | Hp Enterprise M553 toners | 50 |
| 90 | * Drums for HP pro400, 1320, 1102, 1109, M604 etc for tonners
 | Drums for HP pro400, 1320, 1102, 1109, M604 etc for tonners | 50 |
| 91 | * Toner powder INK
* 80a ,85a
 | Refill Toner powder 280A 80A 80X 280X 280 CF280X CF280A For HP Laserjet pro 400 401 452 printer | 500 |
| 92 | * Toner powder INK
* 17a
 | * Refill Toner powder INK
* 17a
 | 500 |
| 93 | * HP LaserJet Pro M1536DNF All-In-One Printer (Print, Copy, Scan, Fax)
 | * HP LaserJet Pro M1536DNF All-In-One Printer (Print, Copy, Scan, Fax)
 | 500 |
|  |
| 94 | Multimedia along with wall screen | Multimedia along with wall screen | 5 |
| 95 | * Network Cable
 | Cat-6 A stp High quality Cable | 50 |
| 96 | * Network Switch 8 Port
 | 8-Port Unmanaged Gigabit Switch  | 5 |
| 97 | * Network Switch 16 Port
 | 16-Port Unmanaged Gigabit Switch | 10 |
| 98 | * Network Switch manageable 24 port with 4sfp
 | 24-Port Manageable Gigabit Switch | 10 |
| 99 | * Network Switch manageable 48 port with 4 sfp
 | 48-Port Manageable Gigabit Switch | 20 |
| 100 | * Wifi Router (Short Range)
 | Wifi Router (Short Range) | 10 |
| 101 | * Wifi Router (Long Range)
 | Wifi Router (Long Range) | 10 |
| 102 | * Rj 45 Connector
 | Rj 45 steel Connector and simple | 5000 |
| 103 | * Rj 11 connector
 | Rj 11 connectors | 50 |
|  104 | * Jointer
 | Rj 45 jointer | 20 |
| 105 | * Network Digital Metter
 | Digital Network Cable Tester Meter With Length Measurement With Battery | 2 |
| 106 | * IT-Tech Network Toolkit
 | * Electrical adhesive tape
* CRV red black Rubber plastic screwdriver 5\*100(-)
* Crystal box 22pc(8p:10pcs 6p:6pcs 4p:6pcs
* CRV red black Rubber plastic hand Shank screwdriver 5\*100(+)
* Precision screwdrivers  2.4(-) 2.4(+)
* Digital electrical pen test  12-250v
* Long flat nose pliers
* wire stripper
* Network pliers
* Wire cutter
* Network tester
 | 2 |
| 107 | * PoE Switches 24 Port
 | * 24 port Gigabit POE switch
 | 10 |
| 108 | * Network Switch Rack
 | * Network Switch Rack 2U
 | 30 |
| 109 | * Network Switch Rack
 | * Network Switch Rack 4U
 | 30 |
| 110 | * Network Switch Rack
 | * Network Switch Rack 6U
 | 30 |
| 111 | * Network Switch Rack
 | * Network Switch Rack 8U
 | 30 |
| 112 | * Network Switch Rack
 | * Network Switch Rack 27U
 | 2 |
| 113 | * Network Switch Rack
 | * Network Switch Rack 42U
 | 2 |
| 114 | * Window Server 2008, 2012, and 2016 License
 | * Window Server 2008 and 2012, 2016 License
 | 10 |
| 115 | * Window 10 License
 | * Window 10 License
 | 100 |
| 116 | * Antivirus kaspersky server and client point
 | * Antivirus kaspersky server and client point
 | 200 |
| 117 | * Antivirus nod32 server and client point
 | * Antivirus nod32 server and client point
 | 200 |
| 118 | * Humidity control set
 | * For Data Centre
 | 2 |
| 119 | * Temperature control set
 | * For Data Centre
 | 2 |
| 120 | * Fire Alarm System
 | * For Data Centre
 | 2 |
| 121 | * Fire Fighting Kit
 | * For Data Centre
 | 2 |
| 122 | * SAN
 | * For DRS
 | 1 |
| 123 | * Hardware Firewall
 | * For Data Centre
 | 1 |
| 124 | * Electric Soldering Iron
 | * Electric Soldering Iron
 | 1 |
| 125 | * Heat gun
 | * Heat Gun Machine
 | 1 |
| 126 | * Photostat Machine/copier
 | * Heavy duty photo state machine
 | 1 |
| 127 | Fax Machine |  | 1 |
| 128 | * Camera
 | * Still Photography 20 Megapixel HD
 | 20 |
| 129 | * UPS .5 KVA
 | * UPS .5 KVA
 | 20 |
| 130 | * UPS 1 KVA
 | * UPS 1 KVA
 | 5 |
| 131 | * UPS 3KVA
 | * 3KVA with dry batteries 2 hr minimum backup
 | 3 |
| 132 | * UPS 2KVA
 | * 2KVA dry batteries 2 hr minimum backup
 | 3 |
| 133 | * UPS 4KVA
 | * UPS 4KVA
 | 3 |
| 134 | * UPS 5 KVA
 | Online UPS 5 KVA UPS with 4 X 150 Ampere Dry Batteries for long Backup up to 02 Hours.Dry batteries | 3 |
| 135 | * DVD
 | * Re writeable DVD’s
 | 500 |
| 136 | * Speaker
 | * Column Speaker
 | 40 |
| 137 | * Amplifier
 | * MIC Amplifier
 | 20 |
| 138 | * LED
 | * LED 40 inch
 | 5 |
| 139 | * LED
 | * LED 49 inch
 | 5 |
| 140 | * Laptop Trolley
 | * Laptop Trolley
 | 20 |
| 141 | * [Patch Cord](https://www.indiamart.com/proddetail/patch-cord-sc-upc-18502836730.html)
 | * [Patch Cord](https://www.indiamart.com/proddetail/patch-cord-sc-upc-18502836730.html)
 | 500 |
| 142 | * ODF Box
 | * 12 Ports, 6 ports Fixed Type Rack Mount ODF
 | 100 |
| 143 | * Pigtails
 | * High Quality Fiber Optic Pigtail
 | 500 |
| 144 | * SFP module
 | * SFP module
 | 500 |
| 145 | * SFP transceiver Modules
 | * SFP transceiver Modules
 | 50 |
| 146 | * IP Cameras 5 MP
 | * 5 MEGAPIXEL BULLET IP CAMERA
 | 20 |
| 147 | * IP Cameras 4 MP
 | 4 MEGAPIXEL BULLET IP CAMERAWDR LXIR Network Camera1/3” 4Megapixel progressive scan CMOSSupport H.264H.265 dual codec 25/30fps@4M(2688×1520) Smart Detection supportedWDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLCMultiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS3.6mm fixed lens (6mm optional)1/1 Alarm in/out, 1/1 audio in/outMax. IR LEDs Length 50mMicro SD memory, IP67, PoEMicro SD card slot, up to 128GBPoE+Built-in high Quality Microphone /Built-in audio out for public address system | 20 |
| 148 | * 3.0 speed dome camera
 | * 3.0 MP speed dome camera with 48X Zoom
 | 5 |
| 149 | * Electric Cable
 | * Electric Cable 3/29
 | 50 |
| 150 | * PoE Switches 16 Port
 | * PoE Switches 16 Port
 | 5 |
| 151 | * Hammer
 | * heavy duty hammer
 | 1 |
| 152 | * Solder Sucker Removal Tool
 | * Desoldering Pump Zd205 Solder Sucker Removal Tool
 | 1 |
| 153 | * 2m bit error rate tester
 | * 2m bit error rate tester
 | 1 |
| 154 | * Wire Stripper
 | * Wire Stripper
 | 2 |
| 155 | * [RJ45 CAT6E Lan I/O](https://www.amazon.in/RJ45-CAT6E-Punch-Network-Keystone/dp/B071KS65RH)
 | * [RJ45 CAT6E Lan I/O](https://www.amazon.in/RJ45-CAT6E-Punch-Network-Keystone/dp/B071KS65RH)
 | 1000 |
| 156 | * I/O Face Plate
 | * I/O 3X3 1M Dual Face Plate
 | 1000 |
| 157 | * Stairs
 | * Stairs
 | 2 |
| 158 | * Server 1
 | Rack Serverup to two 2nd Generation Intel® Xeon® Scalable processors with up to 22 cores per processorMemory Module Slots16 DDR4 RDIMM slotsSupports registered ECC DDR4 DIMMs only RDIMM 512GBNetwork Options2 x 1GbE BaseT LOM 2 x 1Gb BaseT 2 x 10GbE SFP+ 2 x 10GbE BaseT 2 x 25GbE SFP+Storage ControllersInternal ControllersPERC H730P, H330, HBA330 Software RAIDS140External HBAs (non-RAID)12 Gbps SAS HBAFront BaysUp to 24 x 3.5” SAS/ SATA (HDD) max 384TBUp to 16 x 3.5” SAS/SATA (HDD) plus up to 8 x 2.5” SAS/SATA (SSD) max 317.44TB\* | 2 |
| 159 | * Server 2
 | ProcessorOne 2nd Gen AMD EPYC™ Processor with up to 64 coresMemory Module Slots16 DDR4 RDIMM/LRDIMM slotsRAM RDIMM 512GBNetwork Options2 x 1GbE 2 x 10GbE BT2 x 10GbE SFP+2 x 25GbE SFP28Storage ControllersInternal ControllersPERC HBA330, H330, H730P, H740PPower Supplies495W Platinum750W Titanium750W Platinum1100W Platinum1600W PlatinumOr Equivalent | 2 |
| 160 | * Dell Server Rack 42 U
 | * Dell Server Rack 42 U genuine
 | 2 |
| 161 | * Dual Mode Biometric Time and Attendance
 | Dual Mode Biometric Time and Attendance Terminal1200 facial templates• 2000 fingerprint templates• Up to 10,000 cards• Up to 100,000 stored punches | 10 |
| 162 | * Biometric Time and Attendance
 | Fingerprint Capacity: 3,000 templatesCard Capacity: 10,000Transaction Capacity: 100,000Fingerprint Sensor: OpticalAlgorithm Version: Finger v10.0Communications: TCP/IPCard Functions: RFIDDisplay: 3 inches Color ScreenPower Supply: 5V DC2 hrs minimum power backupZK Software  | 10 |
| 163 | * USB Fingerprint Scanner
 | USB Fingerprint Scanner• Stable operation under strong light• Support live fingerprint detection function• Large fingerprint capture area and high image performance | 5 |
| 164 | * Electric Lock
 | * Electric Lock High Quality
 | 10 |