



मेचीनगर नगरपालिका  
नगर कार्यपालिकाको कार्यालय, ईटाभट्टा  
भापा जिल्ला, कोशी प्रदेश नेपाल  
**Mechinagar Municipality**  
Office of the Municipal Executive  
Itabhatta, Bapa District Koshi, Nepal



प. सं. : २०८२१०८३

च.नं: ६६६

मिति: २०८२/०५/०३

बिषय: बजार दर पेश गर्ने सम्बन्धमा ।

प्रस्तुत बिषयमा मेचीनगर नगरपालिका तथा मातहतका कार्यालयकालागि आ.व २०८२/०८३ मा कार्यालय संचालनका लागि आवश्यक पर्ने सूचना प्रविधि सम्बन्धी उपकरणहरुको हालको बजार दर आवश्यक भएकोले निम्न बमोजिम कागजात संलग्न गरि ७ दिन सम्ममा बजार दर उपलब्ध गराइदिन हुन मेचीनगर नगरपालिका, नगर कार्यपालिकाको कार्यालयमा सुचिकृत भएका सूचना प्रविधि सम्बन्धि कार्य गर्ने फर्महरु संग अनुरोध छ ।

निम्न:

१. दर पेश गरिएको निवेदन
२. आ.व २०८२/०८३ मा मेचीनगर नगरपालिका, नगर कार्यपालिकाको कार्यालयमा सुचिकृत भएको प्रमाण पत्रको प्रतिलिपि ।

अनन्त प्रकाश वस्ती  
प्रमुख, खरिद इकाई



  
**Mechinagar Municipality**  
**Office of the Municipal Executive**  
**Information Technology Related Equipments-Specification**  
**General Specification**

| S.N. | Particular | Description               | Specification                                                                                                                                                                                                                                                                                   | Unit |
|------|------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1    | Laptop     | Processor                 | Intel Core i7-13620H L3 Cache 24MB or Equivalent                                                                                                                                                                                                                                                | Pc   |
|      |            | OS                        | Windows 11 Home                                                                                                                                                                                                                                                                                 |      |
|      |            | Display                   | size:16";WUXGA (1920 x 1200) 16:10 aspect ratio Refresh Rate:165Hz                                                                                                                                                                                                                              |      |
|      |            | GPU                       | Dedicated NVIDIA RTX 4050<br>OR Equivalent                                                                                                                                                                                                                                                      |      |
|      |            | SSD                       | 512GB M.2 NVMe PCIe                                                                                                                                                                                                                                                                             |      |
|      |            | RAM                       | 16GB DDR5 RAM or Equivalent                                                                                                                                                                                                                                                                     |      |
|      |            | I/O Ports                 | Ports<br>1x USB 3.2 Gen 2 Type-A<br>1x USB 3.2 Gen 1 Type-A<br>USB Type-C<br>1x USB 3.2 Gen 2 Type-C<br>Display1x HDMI<br>Audio:1x 3.5mm Headphone/Microphone Input/Output                                                                                                                      |      |
|      |            | Battery                   | 90Wh                                                                                                                                                                                                                                                                                            |      |
|      |            | Network and Communication | Ethernet:1x RJ-45<br>WiFi:Wi-Fi 6 (802.11 ax), Dual-band (2.4GHz / 5GHz)<br>Bluetooth:Bluetooth 5.1                                                                                                                                                                                             |      |
|      |            | Webcam                    | HD                                                                                                                                                                                                                                                                                              |      |
|      |            | Keyboard & Touchpad       | Keyboard:White Backlit Keyboard<br>Trackpad:Windows Precision Touchpad                                                                                                                                                                                                                          |      |
| 2    | Laptop     | Processor                 | Intel® Core™ i9 Processor 14900HX 2.2 GHz (36MB Cache, up to 5.8 GHz, 24 cores, 32 Threads) or Equivalent                                                                                                                                                                                       | Pc   |
|      |            | OS                        | Windows 11 Home                                                                                                                                                                                                                                                                                 |      |
|      |            | Display                   | 16" display with IPS, WQXGA (2560 x 1600) pixels, high-brightness (300 nits)                                                                                                                                                                                                                    |      |
|      |            | GPU                       | NVIDIA GeForce RTX 4060 Graphics with 8GB of dedicated GDDR6 VRAM Or Equivalent                                                                                                                                                                                                                 |      |
|      |            | SSD                       | 1TB SSD                                                                                                                                                                                                                                                                                         |      |
|      |            | RAM                       | 16GB DDR5-5600 Mhz                                                                                                                                                                                                                                                                              |      |
|      |            | I/O Ports                 | Number of HDMI Outputs: 1<br>Number of USB 3.2 Gen 1 Type-A Ports: 2<br>Number of USB 3.2 Gen 2 Type-A Ports: 1<br>Number of USB 3.2 Gen 2 Type-C Ports: 1<br>Total Number of USB Ports: 4<br>USB Type-C: Yes<br>USB Type-C Detail: USB Type-C port:<br>DisplayPort over USB-C<br>Thunderbolt 4 |      |
|      |            | Battery                   | 90Whr, 4-cell Li-Ion Battery Pack                                                                                                                                                                                                                                                               |      |
|      |            | Network and Communication | Killer Double Shot Pro Wireless-AX 1650i 802. 11ax Wi-Fi 6<br>Built-In Bluetooth™ 5.1; Network (RJ-45): Yes                                                                                                                                                                                     |      |
|      |            | Webcam                    | 1080P                                                                                                                                                                                                                                                                                           |      |
|      |            | Keyboard & Touchpad       | Keyboard:Full-size, backlit<br>Trackpad:Windows Precision Touchpad                                                                                                                                                                                                                              |      |





|   |        |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|---|--------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|   |        | Maximum Power supply Wattage | 230 watt                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |
| 3 | Laptop | Processor                    | Intel Core i7 13th Gen 1355U Processor L3 Cache 12MB or Equivalent                                                                                                                                                                                                                                                                                                                                                                              | Pcs |
|   |        | OS                           | Windows 11 Home                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|   |        | Display                      | 14" FHD (1920*1200) IPS Touch Display, 60Hz, 100% sRGB Color Range                                                                                                                                                                                                                                                                                                                                                                              |     |
|   |        | GPU                          | Intel Iris Xe Graphics                                                                                                                                                                                                                                                                                                                                                                                                                          |     |
|   |        | SSD                          | 1TB PCIe NVMe SSD                                                                                                                                                                                                                                                                                                                                                                                                                               |     |
|   |        | RAM                          | 16GB LPDDR5 RAM                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|   |        | I/O Ports                    | 2x USB Type-C ports (USB 3.2 Gen 2, DisplayPort over USB-C, USB charging, DC-in 20V; 65W)<br>2x USB Standard-A ports (USB 3.2 Gen 1, Power off USB charging)<br>1x HDMI® 2.1 port with HDCP support<br>1x Headphone/speaker jack                                                                                                                                                                                                                |     |
|   |        | Battery                      | 65Wh Li-Ion Battery                                                                                                                                                                                                                                                                                                                                                                                                                             |     |
|   |        | Network and Communication    | IEEE 802.11ac Bluetooth 5.2, Killer Wireless Wi-Fi 6E 1675i (dual band 2.4GHz & 5GHz)                                                                                                                                                                                                                                                                                                                                                           |     |
|   |        | Webcam                       | HD                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
|   |        | Keyboard & Touchpad          | Keyboard: White Backlit Keyboard<br>Trackpad: Windows Precision Touchpad                                                                                                                                                                                                                                                                                                                                                                        |     |
| 4 | Laptop | Processor                    | 12th Generation Intel Core i7, 1255U; 12MB L3 Cache, Up to 4.7 GHz, 10 Cores or Equivalent                                                                                                                                                                                                                                                                                                                                                      | Pcs |
|   |        | OS                           | Windows 11 Home                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|   |        | Display                      | 15.6-Inch Full-HD (1920 x 1080 pixels) 120Hz Or Equivalent                                                                                                                                                                                                                                                                                                                                                                                      |     |
|   |        | GPU                          | Intel UHD Graphics                                                                                                                                                                                                                                                                                                                                                                                                                              |     |
|   |        | SSD                          | 512GB M.2 PCIe NVMe Solid State Drive                                                                                                                                                                                                                                                                                                                                                                                                           |     |
|   |        | RAM                          | 8GB DDR4 2666MHz RAM or Equivalent                                                                                                                                                                                                                                                                                                                                                                                                              |     |
|   |        | I/O Ports                    | 1 USB 3.2 Gen 1 Type-C® port with DisplayPort 1.4 (on 12th Gen Processor configured with Type-C®)<br>1 USB 3.2 Gen 1 port (on systems configured with Type-C®)<br>2 USB 3.2 Gen 1 ports (on systems configured with non Type-C®)<br>1 USB 2.0 port<br>1 Power Jack<br>1 headset (headphone and microphone combo) port<br>1 HDMI 1.4 port<br>HDMI 1.4 (Maximum resolution supported over HDMI is 1920x1080 @60Hz. No 4K/2K output) Or Equivalent |     |
|   |        | Battery                      | 4-Cell 54 Watt-Hours                                                                                                                                                                                                                                                                                                                                                                                                                            |     |



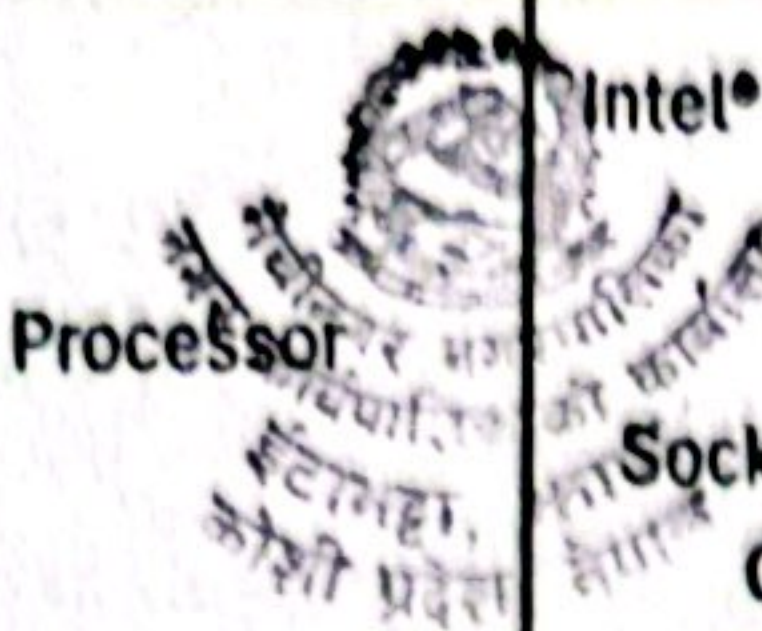
|   |         |                           |                                                                                                                                                                                                                                                                                                                                                |     |
|---|---------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|   |         | Network and Communication | Ethernet: 1x RJ-45<br>WiFi: Wi-Fi 6 (802.11 ax), Dual-band (2.4GHz / 5GHz)<br>Bluetooth: Bluetooth 5.1                                                                                                                                                                                                                                         |     |
|   |         | Webcam                    | HD                                                                                                                                                                                                                                                                                                                                             |     |
|   |         | Keyboard & Touchpad       | Keyboard: White Backlit Keyboard<br>Trackpad: Windows Precision Touchpad                                                                                                                                                                                                                                                                       |     |
| 5 | Laptop  | Processor                 | 13th Generation Intel Core i5 1334U Processor (up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) Or Equivalent                                                                                                                                                                                           | Pcs |
|   |         | OS                        | Windows 11 Home                                                                                                                                                                                                                                                                                                                                |     |
|   |         | Display                   | 15.6-inch FHD (1920 x 1080) anti-glare Display                                                                                                                                                                                                                                                                                                 |     |
|   |         | GPU                       | Intel Iris Xe Graphics Card<br>OR Equivalent                                                                                                                                                                                                                                                                                                   |     |
|   |         | SSD                       | 512GB M.2 NVMe PCIe                                                                                                                                                                                                                                                                                                                            |     |
|   |         | RAM                       | 16GB DDR4 RAM or Equivalent                                                                                                                                                                                                                                                                                                                    |     |
|   |         | I/O Ports                 | 1 x USB Type-C<br>2 x USB Type-A<br>1 x AC Smart Pin<br>1 x HDMI 1.4<br>1 x Headphone/microphone Combo                                                                                                                                                                                                                                         |     |
|   |         | Battery                   | 3-cell, 41 Wh Li-Ion polymer                                                                                                                                                                                                                                                                                                                   |     |
|   |         | Network and Communication | Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card                                                                                                                                                                                                                                                                                         |     |
|   |         | Webcam                    | HD                                                                                                                                                                                                                                                                                                                                             |     |
|   |         | Keyboard & Touchpad       | Keyboard: Backlit Keyboard<br>Trackpad: Windows Precision Touchpad                                                                                                                                                                                                                                                                             |     |
|   |         |                           |                                                                                                                                                                                                                                                                                                                                                |     |
| 6 | Laptop  | Processor                 | 13th Gen Intel® Core™ i7-1360P (18 MB cache, 12 cores, 16 threads, up to 5.00 GHz Turbo) OR Equivalent                                                                                                                                                                                                                                         | pcs |
|   |         | OS                        | Windows 11 Home                                                                                                                                                                                                                                                                                                                                |     |
|   |         | Display                   | 16", FHD+ 1920x1200, 60Hz, WVA, 300 nit, ComfortView Plus                                                                                                                                                                                                                                                                                      |     |
|   |         | GPU                       | Intel Iris Xe Graphics Card<br>OR Equivalent                                                                                                                                                                                                                                                                                                   |     |
|   |         | SSD                       | 512GB M.2 NVMe PCIe                                                                                                                                                                                                                                                                                                                            |     |
|   |         | RAM                       | 16GB: LPDDR5, or Equivalent                                                                                                                                                                                                                                                                                                                    |     |
|   |         | I/O Ports                 | 1 HDMI 1.4* 2 USB 3.2 Gen 1 Type-A 1 Universal Audio Jack** 1 Thunderbolt™ 4.0 (DP/PowerDelivery) Fingerprint Reader                                                                                                                                                                                                                           |     |
|   |         | Battery                   | 4 Cell, 64 Wh, Integrated                                                                                                                                                                                                                                                                                                                      |     |
|   |         | Network and Communication | Intel® Wi-Fi 6E AX411, 2x2, 802.11ax, MU-MIMO, Bluetooth® wireless card                                                                                                                                                                                                                                                                        |     |
|   |         | Webcam                    | 1080p at 30fps FHD Camera                                                                                                                                                                                                                                                                                                                      |     |
|   |         | Keyboard & Touchpad       | Keyboard: Backlit Keyboard<br>Trackpad: Windows Precision Touchpad                                                                                                                                                                                                                                                                             |     |
| 7 | Desktop | Processor                 | 12th Gen Intel® Core™ i3-12100 (12 MB cache, 4 cores, 8 threads, 3.40 GHz to 4.50 GHz Turbo, 60 W) OR Equivalent                                                                                                                                                                                                                               | Pcs |
|   |         | OS                        | Windows 11 Home                                                                                                                                                                                                                                                                                                                                |     |
|   |         | Display                   | Branded original 20" HD Monitor                                                                                                                                                                                                                                                                                                                |     |
|   |         | GPU                       | Intel® Graphics<br>OR Equivalent                                                                                                                                                                                                                                                                                                               |     |
|   |         | SSD                       | 256 GB, M.2 2230, PCIe NVMe, SSD                                                                                                                                                                                                                                                                                                               |     |
|   |         | RAM                       | 8GB: 1 x 8 GB, DDR4, or Equivalent                                                                                                                                                                                                                                                                                                             |     |
|   |         | I/O Ports                 | Front: 2 USB 3.2 Gen 1 ports 2 USB 2.0 ports 1 Universal audio port Back: 2 USB 3.2 Gen 1 ports 2 USB 2.0 ports with Smart Power On 1 HDMI 1.4b port (1920x1200@60Hz max. resolution) 1 DisplayPort 1.4 ports (HBR2) 1 Optional video port (HDMI 2.1/Displayport 1.4a (HBR2)/VGA) 1 Optional Serial port 1 RJ45 Ethernet Port 10/100/1000 Mbps |     |



|   |               |                         |                                                                                                                                                                                                                                                                                                                                                                                                                     |     |
|---|---------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 8 | Desktop       | Power                   | OptiPlex Tower with 180W Bronze Power Supply, WW OR Equivalent                                                                                                                                                                                                                                                                                                                                                      | Pcs |
|   |               | Keyboard and Mouse      | Multimedia Keyboard-KB216 - US International (QWERTY) - Black; USB Optical Mouse - Black                                                                                                                                                                                                                                                                                                                            |     |
|   |               | Audio                   | Internal Speaker                                                                                                                                                                                                                                                                                                                                                                                                    |     |
|   |               | Processor               | 14th Gen Intel® Core™ i5-14500 (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 4.80 GHz Turbo, 65 W OR Equivalent                                                                                                                                                                                                                                                                                                   |     |
|   |               | OS                      | Windows 11 Home                                                                                                                                                                                                                                                                                                                                                                                                     |     |
|   |               | Display                 | Branded original 20" HD Monitor                                                                                                                                                                                                                                                                                                                                                                                     |     |
|   |               | GPU                     | Intel® UHD Graphics<br>OR Equivalent                                                                                                                                                                                                                                                                                                                                                                                |     |
|   |               | SSD                     | M.2 2230, 256 GB, PCIe NVMe, SSD                                                                                                                                                                                                                                                                                                                                                                                    |     |
|   |               | RAM                     | 8GB, 1 x 8 GB, DDR5, 4800 MHz, single-channel, or Equivalent                                                                                                                                                                                                                                                                                                                                                        |     |
|   |               | I/O Ports               | Front: 2 USB 3.2 Gen 1 ports 2 USB 2.0 ports 1 Universal audio port Back: 2 USB 3.2 Gen 1 ports 2 USB 2.0 ports with Smart Power On 1 HDMI 1.4b port (1920x1200@60Hz max. resolution) 1 DisplayPort 1.4 ports (HBR2) 1 Optional video port (HDMI 2.1/Displayport 1.4a (HBR3)/VGA) 1 Optional Serial port 1 RJ45 Ethernet Port 10/100/1000 Mbps 2 USB 3.2 Gen 2 ports 3 DisplayPort 1.4a (HBR2) 1 power-adaptor port |     |
|   |               | Power                   | OptiPlex Tower with 180W Bronze Power Supply, WW Or Equivalent                                                                                                                                                                                                                                                                                                                                                      |     |
|   |               | Keyboard and Mouse      | Multimedia Keyboard-KB216 - US International (QWERTY) - Black; USB Optical Mouse - Black                                                                                                                                                                                                                                                                                                                            |     |
|   |               | Audio                   | No                                                                                                                                                                                                                                                                                                                                                                                                                  |     |
|   |               | Processor               | 14th Gen Intel® Core™ i5-14500 (24 MB cache, 14 cores, 20 threads, 2.50 GHz to 4.80 GHz Turbo, 65 W OR Equivalent                                                                                                                                                                                                                                                                                                   |     |
|   |               | OS                      | Windows 11 Home                                                                                                                                                                                                                                                                                                                                                                                                     |     |
| 9 | All in One PC | Display                 | 23.8" FHD (1920×1080) IPS Anti-glare 250nits, 100Hz, 99% sRGB, hardware low blue light, 3-side borderless, non-touch Or Equivalent                                                                                                                                                                                                                                                                                  | Pcs |
|   |               | GPU                     | Intel® UHD Graphics<br>OR Equivalent                                                                                                                                                                                                                                                                                                                                                                                |     |
|   |               | SSD                     | 512GB SSD M.2 2280 PCIe® 4.0×4 NVMe®                                                                                                                                                                                                                                                                                                                                                                                |     |
|   |               | RAM                     | 1x 16GB SO-DIMM DDR5-5200, or Equivalent                                                                                                                                                                                                                                                                                                                                                                            |     |
|   |               | I/O Ports               | 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)<br>2x USB-A (Hi-Speed USB / USB 2.0)<br>1x HDMI®-In 1.4<br>1x HDMI®-out 2.1 TMDS<br>1x Ethernet (RJ-45)<br>1x power connector<br>1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), data transfer only<br>1x headphone / microphone combo jack (3.5mm)                                                                                                                                   |     |
|   |               | Power                   | 90W 89% Adapter                                                                                                                                                                                                                                                                                                                                                                                                     |     |
|   |               | Keyboard and Mouse      | Wireless EOS Keyboard, Luna Grey, English; Wireless EOS Mouse, Luna Grey                                                                                                                                                                                                                                                                                                                                            |     |
|   |               | Audio                   | High Definition (HD) Audio, Realtek® ALC233-CG codec; 3Wx2, HARMAN Or Equivalent                                                                                                                                                                                                                                                                                                                                    |     |
|   |               | Keyboard & Touchpad     | Keyboard: Backlit Keyboard<br>Trackpad: Windows Precision Touchpad                                                                                                                                                                                                                                                                                                                                                  |     |
|   |               | Camera                  | 5.0MP + IR                                                                                                                                                                                                                                                                                                                                                                                                          |     |
|   |               | Microphone              | Dual Microphone                                                                                                                                                                                                                                                                                                                                                                                                     |     |
|   |               | Ethernet                | Integrated 100/1000M                                                                                                                                                                                                                                                                                                                                                                                                |     |
|   |               | Communication           | Wi-Fi® 6, 11ax 2x2 + BT5.1                                                                                                                                                                                                                                                                                                                                                                                          |     |
|   |               | Server Chasis and Board | Form Factor: 1U Rack Server                                                                                                                                                                                                                                                                                                                                                                                         |     |



10 Server

|                         |                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor               |  Intel® Xeon® Platinum 8558U 2G, 48C/96T, 260M Cache, Turbo, HT (300W) DDR5-4800 Or Equivalent;<br>Sockets: Dual Intel® Xeon® Scalable Processors (4th/5th Gen)<br>Cores: Up to 64 cores (32 cores/socket) Or Equivalent |
| Memory                  | 2*64GB RDIMM, 5600MT/s, Dual Rank or Equivalent<br>Memory Slots: 32 DDR5 DIMM slots                                                                                                                                                                                                                       |
| Drive bays              | Up to 8 x 2.5-Inch NVMe SSD max 122.88 TB<br>  <br>Up to 10 x 2.5-Inch SAS/SATA/NVMe (HDD/SSD) max 153.6 TB                                                                                                                                                                                               |
| Storage                 | HDD<br>Use the standard 2.5" SAS/SATA bays<br>configure 8x 2.4 TB SATA or SAS HDDs in RAID 10 or RAID 5 to balance capacity and redundancy.                                                                                                                                                               |
| Storage Controller      | Internal: PERC H965i, PERC H755, PERC H755N, PERC H355, HBA355i<br>External: HBA355e<br>Software RAID: S160<br>BOSS-N1 Or Equivalent                                                                                                                                                                      |
| Power Supply            | Dual redundant power supplies recommended for uptime                                                                                                                                                                                                                                                      |
| Management and Security | iDRAC9: Lifecycle Controller with Express/Enterprise license<br>Security:<br>TPM 2.0 FIPS 140-2<br>Secure Boot, BIOS Security<br>Support lockable Metal front Bezel to provide physical security<br>Monitoring: Thermal sensors, power capping                                                            |
| OS                      | Supported OS:<br>Windows Server 2022<br>RHEL 9.x / CentOS 9.x<br>VMware ESXi 8.x<br>Ubuntu 22.04 LTS<br>Default: VMware ESXi 8.0 (pre-Installed)                                                                                                                                                          |
| Environmental Specs     | Temperature:<br>Operating: 5°C to 40°C (Nepal climate-optimized)<br>Storage: -40°C to 65°C<br>Humidity: 10-80% (non-condensing)                                                                                                                                                                           |
| Rack Integration        | Rails: ReadyRails™ II sliding rails (tool-less)<br>Compatibility: 19" standard racks                                                                                                                                                                                                                      |
| Network Controller      | Embedded:<br>2 x 1GbE LOM ports Or Equivalent                                                                                                                                                                                                                                                             |

Pcs



|    |                   |                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                  |     |
|----|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|    |                   | Raid Controller                                                                                                                                                                                                                                                | Options:<br>PERC H755 (8GB NV cache, SAS/SATA/NVMe support)<br>PERC H355 (Basic RAID 0/1/10/5)<br>Default: PERC H755                                                                                                                                                                                                             |     |
|    |                   | Boot Options                                                                                                                                                                                                                                                   | BOSS-N1: Dual M.2 NVMe with hardware RAID<br>USB-based boot option                                                                                                                                                                                                                                                               |     |
|    |                   | Ports                                                                                                                                                                                                                                                          | Front Ports: 1 x Dedicated iDRAC Direct micro-USB,<br>1 x USB 2.0,<br>Rear Ports<br>1 x USB 2.0, 1 x Serial port<br>(optional)<br>1 x USB 3.0, 1 x Dedicated<br>iDRAC Ethernet port<br>1 x VGA (optional<br>for liquid cooling<br>configuration) Or Equivalent                                                                   |     |
|    |                   | Accessories                                                                                                                                                                                                                                                    | Include all required accessories for rack mounting and cabling management.                                                                                                                                                                                                                                                       |     |
|    |                   | Warranty and Supportt                                                                                                                                                                                                                                          | Standard Warranty: 3 Years ProSupport (Next-Business-Day Onsite)                                                                                                                                                                                                                                                                 |     |
| 11 | Firewall          | Throughput                                                                                                                                                                                                                                                     | Firewall: 12.5 Gbps<br>IPS/Threat Protection: 2.5 Gbps<br>IPsec VPN: 8.25 Gbps<br>TLS Inspection: 800 Mbps Or Equivalent                                                                                                                                                                                                         | pcs |
|    |                   | Connectivity                                                                                                                                                                                                                                                   | 6 x 2.5 GbE copper ports + 1 x SFP fiber port.<br>Optional Wi-Fi 6 (802.11ax) on XGS 108w variant (dual-band, 2.4/5 GHz) Or Equivalent                                                                                                                                                                                           |     |
|    |                   | Security Capabilities                                                                                                                                                                                                                                          | Core Protections:<br>Standard Protection Bundle: Firewall, IPS, VPN, application control.<br>Xstream Protection Bundle: Adds Zero-Day threat detection, DNS filtering, and SD-WAN orchestration 314.<br>Advanced Features: Optional add-ons like Email Protection (anti-spam, DLP) and Web Server Protection (WAF) Or Equivalent |     |
|    |                   | Licensing & Bundles                                                                                                                                                                                                                                            | Subscribed license of 2 years for Xstream protection                                                                                                                                                                                                                                                                             |     |
| 12 | External HDD -1TB | Capacity: 1TB / 2TB<br>Color: Black / Blue<br>Dimensions :124 x 101.7 x 22.9mm<br>Weight: 270g<br>Interface: USB 3.2 Gen 1 (USB 5Gbps)<br>Texture: Plastic<br>Operating Temperature: 5°C(41°F) – 50°C (122°F)<br>Operating Voltage: DC 5V, 900mA Or Equivalent |                                                                                                                                                                                                                                                                                                                                  | Pcs |



|                 |                              |                                |                                                                                                                                                                                                                                                                |    |
|-----------------|------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 13              | External HDD -2TB            |                                | Capacity: 1TB / 2TB<br>Color: Black / Blue<br>Dimensions :124 x 101.7 x 22.9mm<br>Weight: 270g<br>Interface: USB 3.2 Gen 1 (USB 5Gbps)<br>Texture: Plastic<br>Operating Temperature: 5°C(41°F) – 50°C (122°F)<br>Operating Voltage: DC 5V, 900mA Or Equivalent | Pc |
| 14              | External HDD -4TB            |                                | Capacity: 4TB<br>Connection: USB-A 3.1<br>Compatibility: With most laptop and desktop PC<br>Feature: Shock-Resistant<br>Encryption: AES 256-bit<br>Design: 24mm<br>Price: NPR 21,600 Or Equivalent                                                             | Pc |
| 15              | External SSD ~1TB            |                                | SSD-level performance – with speeds up to 550MB/s read and<br>RW Capacity:1000MB/s ;<br>security solution with 256-bit AES encryption; Features a USB<br>Type-C port. Includes a USB Type-C to USB Type-C and USB Type-<br>C to standard USB Type-A cable;     | PC |
| 16              | 3 in One<br>Laser<br>Printer | Printer Type                   | Laser                                                                                                                                                                                                                                                          | Pc |
|                 |                              | Functionality                  | All-In-One (Print, Scan, Copy)                                                                                                                                                                                                                                 |    |
|                 |                              | ADF                            | Yes                                                                                                                                                                                                                                                            |    |
|                 |                              | Scanner type                   | Flatbed                                                                                                                                                                                                                                                        |    |
|                 |                              | Duplex                         | Yes                                                                                                                                                                                                                                                            |    |
|                 |                              | Printer Output                 | B&W                                                                                                                                                                                                                                                            |    |
|                 |                              | Connectivity                   | USB                                                                                                                                                                                                                                                            |    |
|                 |                              | Print per minute               | 30 ppm                                                                                                                                                                                                                                                         |    |
|                 |                              | Page size supported            | A4, A5, A6, B5, C6, DL                                                                                                                                                                                                                                         |    |
|                 |                              | Print resolution               | 1200x 1200 dpi                                                                                                                                                                                                                                                 |    |
| Scan resolution | 600 x 2400 dpi               |                                |                                                                                                                                                                                                                                                                |    |
| 17              | 3 in 1<br>Inkjet<br>Printer  | 3 in 1 color Inkjet<br>Printer | Print Speed:5-9ppm<br>Scan Resolution: 600 x 1200 dpi<br>Copy Speed:Up to 18 CPM<br>Paper Sizes:<br>A4, B5, A5, Legal, Letter, Executive, Envelope C5 / COM10 / DL,<br>Input Capacity<br>100-sheets<br>Connectivity:wired<br>Or Equivalent                     | Pc |