**N1**

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| --- | --- | --- | --- |
| **N** | **Device List** | **Specification** | **Approximate Quantity** |
| **1.** | **Laptop** |  | **2** |
|  | Processor | Min. i5 6200 Generation |  |
|  | Cache | Min. 3MB |  |
|  | Memory | Min. 8GB DDR4-2133 |  |
|  | Hard Drive | Min. 256 GB Solid State Drive |  |
|  | Graphic | HD Graphics |  |
|  | Software | Windows 10 Pro 64bit, MS Office 2016Home&Business 32bit (German) |  |
|  | Screen | 13.3-14” FHD LCD with HD camera. |  |
|  | I/O ports | Dock port, 2x USB 3.0 (one with Power Share), HDMI, VGA, Network connector (RJ-45), Memory card reader, Headphone / Microphone, Lock slot. |  |
|  | Power | Battery min 4 Cell, Energy Star 6.1 |  |
|  | Warranty | 3 years |  |
| **2.** | **Docking station** | adjustable to laptop | **2** |
| **3.** | **Keyboard + Mouse + Bag** | Standard | **2** |
|  |  |  |  |
| **3.** | **Monitor** |  | **2** |
|  | Type | LCD Antiglare Monitor |  |
|  | Diagonal | Min. 24”, Widescreen 16:9. |  |
|  | Resolution | 1920 x 1080 at 60 Hz |  |
|  | Visibility | Up to 150° Vertical/Horizontal |  |
|  | Connections & Stand | VGA, DVI-D, Display Port, Min. 2x USB 2.0, Height-adjustable stand, pivot, tilt, swivel and built in cable-management |  |
|  | Warranty | Min. 2 Year |  |

**N2**

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| **N** | **Device List** | **Specification** | **Approximate Quantity** |
| **1.** | **Branded Desktop PC +**  **Keyboard and Mouse** |  | **3** |
|  | Processor | Min. i7-7700 Generation |  |
|  | Cache | Min. 8MB |  |
|  | Memory | Min. 16GB 2400MHz DDR4 |  |
|  | Hard Drive | 2x Min. 2TB 7200rpm 3.5 inch |  |
|  | Graphic | Min. 4GB Video Card, 128bit, DP, HDMI, DVI. |  |
|  | Optical Disc Drive | DVD +/- RW |  |
|  | I/O ports | Front IO Ports: min. 2x USB 3.0 and 2x USB 2.0, SD Media Card Reader, Universal Audio Jack.  Rear IO Ports: min. 4x USB 3.0 and 2x USB 2.0,  RJ-45, Line-out, VGA, HDMI, Display Port, PS/2. |  |
|  | Wireless | Min. Dual Band Wireless 8265 (802.11ac) + Bluetooth |  |
|  | Software | Windows 10 Pro 64bit, Microsoft Office H&B 2016 32bit |  |
|  | Power | Min. 240W Power Supply, Energy Star 6.1. |  |
|  | Warranty | Min. 3 Year |  |
|  | Keyboard and Mouse | Branded Keyboard English, Standard, Mouse Standard |  |
| **2.** | **Uninterruptible Power Supply** |  | **3** |
|  | Output power capacity | 700VA |  |
|  | Max Configurable Power (Watts) | 405Watts |  |
|  | Nominal Output Voltage | 230V |  |
|  | Output Connections | Min. 4 Schuko CEE 7 (selector\_surgetitle) and min. 4 Schuko CEE 7 (Battery Backup) |  |
|  | Input frequency | 50/60 Hz +/- 5 Hz auto sensing |  |
|  | Typical recharge time | Min. 15 hour |  |
|  | Automatic Operating Times | On loading 100W – min 5 minutes, on loading 300W min 30 minutes |  |
|  | Filtering | Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449 |  |
|  | Interface Port & Control panel | USB, LED status display with On Line, On Battery Replace Battery and Overload indicators |  |
|  | Power Standard | CE, ENERGY STAR |  |
|  | Warranty | Min. 3 Year |  |
| **3.** | **Laptop + Docking + Bag +**  **Keyboard and Mouse** |  | **1** |
|  | Processor | Min. i5 7300 Generation |  |
|  | Cache | Min. 3MB |  |
|  | Memory | Min. 1x8GB DDR4-2400MHz |  |
|  | Hard Drive | Min. 512GB SATA M.2 Class 20 SSD |  |
|  | Graphic | Min. 2GB. |  |
|  | Software | Windows 10 Pro 64bit, MS Office 2016Home&Business 32bit English |  |
|  | Screen | 13.3-14” Anti-glare, FHD LCD with HD camera. |  |
|  | I/O ports | Dock connector port, min. 3x USB 3.0 (one with Power Share), VGA, HDMI or Display Port, RJ-45, Memory card reader, Headphone / Microphone, Lock slot, Intel Dual Band Wireless AC(2x2) 8265, Bluetooth Version 4.1 |  |
|  | Power | Min. 4-cell 68W/HR Battery, Energy Star 6.1 |  |
|  | Warranty | Min. 3 Year |  |
|  | Laptop Docking Station | adjustable to laptop |  |
|  | Laptop Bag | Branded adjustable to laptop |  |
|  | Keyboard and Mouse | Branded Keyboard English, Standard, Mouse Standard |  |
| **4.** | **Monitor** |  | **5** |
|  | Type | LCD Antiglare Monitor |  |
|  | Diagonal | Min. 23.8”, Widescreen 16:9. |  |
|  | Resolution | 1920 x 1080 at 60 Hz |  |
|  | Visibility | Up to 150° Vertical/Horizontal |  |
|  | Connections, Stand, Power | VGA, HDMI, Display Port, Min. 2x USB 2.0, Height-adjustable stand, pivot, tilt, swivel and built in cable-management  50 or 60 Hz ± 3Hz / 1.5 A, 18W-50W 54.1 kWh Energy Star Version 6.1. |  |
|  | Warranty | Min. 3 Year |  |
| **5.** | **Portable External Hard Drive** |  | **5** |
|  | Capacity | 2TB |  |
|  | Interface | SuperSpeed USB 3.0 |  |
|  | System requirements | Windows XP/Vista/7/8/8.1/10 |  |
|  | Opt. Voltage | USB DC 5V |  |
|  | Warranty | Min. 1 Year |  |

**N3**

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| **N** | **Device List** | **Specification** | **Approximate Quantity** |
| **1.** | **Branded Laptop + Docking + Bag + Keyboard and Mouse** |  | **3** |
|  | Processor | Min. i5 7300 Generation |  |
|  | Cache | Min. 3MB |  |
|  | Memory | Min. 1x8GB DDR4-2400MHz |  |
|  | Hard Drive | Min. 512GB SATA M.2 Class 20 SSD |  |
|  | Graphic | Min. 2GB. |  |
|  | Software | Windows 10 Pro 64bit, MS Office 2016Home&Business 32bit English |  |
|  | Screen | 13.3-14” Anti-glare, FHD LCD with HD camera. |  |
|  | I/O ports | Dock connector port, min. 3x USB 3.0 (one with Power Share), VGA, HDMI or Display Port, RJ-45, Memory card reader, Headphone / Microphone, Lock slot, Intel Dual Band Wireless AC(2x2) 8265, Bluetooth Version 4.1 |  |
|  | Power | Min. 4-cell 68W/HR Battery, Energy Star 6.1 |  |
|  | Warranty | Min. 2 years |  |
|  | Laptop Docking Station | adjustable to laptop |  |
|  | Laptop Bag | Branded, adjustable to laptop |  |
|  | Keyboard and Mouse | Branded, Keyboard English, Standard, Mouse Wireless |  |
| **2.** | **Monitor** |  | **3** |
|  | Type | LCD Antiglare Monitor |  |
|  | Diagonal | Min. 23.8”, Widescreen 16:9. |  |
|  | Resolution | 1920 x 1080 at 60 Hz |  |
|  | Visibility | Up to 150° Vertical/Horizontal |  |
|  | Connections, Stand, Power | VGA, HDMI, Display Port, Min. 2x USB 2.0, Height-adjustable stand, pivot, tilt, swivel and built in cable-management  50 or 60 Hz ± 3Hz / 1.5 A, 18W-50W 54.1 kWh Energy Star Version 6.1. |  |
|  | Warranty | Min. 2 years |  |
|  |  |  |  |
| **3.** | **Wireless Access Points** |  | **2** |
|  | Description | Entry-level 802.11n AP |  |
|  | Wireless Security | WPA-PSK, WPA-TKIP, WPA2 AES, 802.11i  Authentication via 802.1X with local authentication  database, support for RADIUS, LDAP, and Active Directory |  |
|  | Maximum PHY rate | 867 Mbps (5GHz) 300 Mbps (2.4GHz) |  |
|  | Wi-Fi technology | 802.11n (2.4/5GHz) |  |
|  | Concurrent Stations | 100 clients per AP |  |
|  | Data Ports | 1 auto MDX, auto-sensing 10/100/1000 Mbps,RJ-45, POE port |  |
|  | Power | DC Input: 12 VDC 1.0A  Power over Ethernet 802.3 af. |  |
| **4.** | **Router** | Cisco 1921-SEC/K9 | **1** |
| **5.** | **Router** | Cisco RV042G-K9-EU | **1** |
| **6.** | **Switch** | Cisco Catalyst WS-C2960+24PC-S | **1** |

**N 4**

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| **N** | **Device List** | **Specification** | **Approximate Quantity** |
| **1.** | **Laptop** |  | **5** |
|  | Processor | Min. i5 6200 Generation |  |
|  | Cache | 3MB |  |
|  | Memory | 8GB (1x8GB) 2133MHz DDR4 Memory, 2 slots up to 16GB |  |
|  | Hard Drive | Min. 256 GB Solid State Drive M.2 SATA |  |
|  | Graphic | Integrated HD Graphics 520 |  |
|  | Software | Windows 7 Pro 64bit (Includes Windows 10 Pro License and Windows 10 Pro OS Recovery DVD) MS Office 2016Home&Business |  |
|  | Screen | 14” FHD LCD with HD camera. |  |
|  | I/O ports and Connectivity | Dock port, min.2x USB 3.0 (one with Power Share), HDMI, VGA, Network connector (RJ-45), Memory card reader, Headphone / Microphone, Lock slot. Wireless 802.11 AC Dual-Band Wi-Fi + BT 4.1 Wireless Card |  |
|  | Keyboard | Internal Single Pointing (German) |  |
|  | Power | European Power Cord, Primary 4-cell 62W/HR Battery, Energy Star. |  |
|  | Warranty | 3 years |  |
| **2.** | **Docking station** | adjustable to laptop | **5** |

**N5**

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| **N** | **Device List** | **Specification** | **Approximate Quantity** |

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| **1.** | **Multifunction Color Laser A3 Printer** |  | **1** |
|  |  |  |  |
|  | Function | Color Printing, Color Network Scanning, Color Scanning, Color Copying. |  |
|  | Display | Min. 20 cm color touch screen |  |
|  | CPU | Min. 1.0 GHz |  |
|  | Paper size | A3, A4, A5, 10 Envelope, 7 3/4 Envelope, C5 Envelope, DL Envelope, Executive, Folio, JIS-B4, JIS-B5, Ledger, Legal, Letter, Statement Universal, Super tabloid (12 x 18 in.), Oficio, A6. |  |
|  | Printer language - Standard | PCL5e, PCL6(XL), PDF Direct from Adobe |  |
|  | Print resolution | 1,200 x 1,200 dpi |  |
|  | Print Technology | Color LED/Lazer |  |
|  | Print Speed | Print Speed: (A4, Black): 42 ppm Print Speed (A4, color): Up to 38 ppm |  |
|  | First output speed | time to First Page (Black): As fast as 6 seconds, time to First Page (color): As fast as 8 seconds |  |
|  | Memory | Min. Standard 1 GB, upgradable min. 2 GB. |  |
|  | HDD | included |  |
|  | Maximum Monthly Duty Cycle | Min. 180000 pages per month |  |
|  | ADF Scan | RADF (reversing Duplex), ADF Paper Input Capacity: 110 pages, ADF Paper Output Capacity: 110 pages |  |
|  | Optical Scanning resolution | 600 X 600 ppi |  |
|  | Scanning speed | A4 Simplex Scan Speed (Black): Up to 60 sides per minute, A4 Simplex Scan Speed (Color): Up to 50 sides per minute, A4 Duplex Scan Speed (Black): Up to 35 sides per minute, A4 Duplex Scan Speed (Color): Up to 35 sides per minute |  |
|  | Scan File Formats (Send as) | JPEG, JPG, PDF, Secure PDF, TIFF, XPS, Archival PDF (A-1a, A-1b), Searchable PDF (optional OCR) |  |
|  | Scan Destinations | e-mail, FTP, USB Flash drive, USB or Network connected computer, Network Printing Methods: LPR/LPD, Direct IP (Port 9100), HTTP, NDPS/NEPS (Novell Distributed Print Services, Novell Netware Enterprise Print Services), Enhanced IP (Port 9400), FTP, TFTP, IPP 1.1 |  |
|  | Paper Handling | 500-Sheet Output Bin, Integrated Duplex, 100-Sheet Multipurpose Feeder, 500-Sheet Input Tray, 2200-Sheet Tandem Tray Module with casters. |  |
|  | Portable Unit | Cabinet-Tray with Castors |  |
|  | Paper weight | Standard paper tray(s): 60 - 300 g/m², Bypass tray: 52 - 300 g/m², Duplex: 52 - 256 g/m². |  |
|  | Fax | 8 x 3.85 line/mm, 200 x 100 dpi, 8 x 7.7 line/mm, 200 x 200 dpi, 8 x 15.4 line/mm, 400 x 400 dpi, 16 x 15.4 line/mm, 400 x 400 dpi, Transmission speed 2 second(s), Fax Memory capacity 60 MB |  |
|  | Interface | Ethernet 10/100/1000 BaseTX (RJ-45), Rear USB 2.0, Specification Hi-Speed Certified port (Type A), USB 2.0, Specification Hi-Speed Certified (Type B), Front USB 2.0, Specification Hi-Speed Certified port (Type A) |  |
|  | Toner Cartridge Included | 15,000-page Black Starter Toner Cartridge, 10,000-page, Colour (CMY) Starter Toner Cartridges. |  |
|  | Toner cartridges | New Toners min. 28,000-page Black Toner Cartridge, 20,000-page Colour (CMY) Toner Cartridges |  |
|  | Product Certifications | ENERGY STAR, TÜV Rh |  |
|  | Microsoft Windows Operating Systems | Windows XP/Vista/7/8/8.1/10/, Windows Server 2003/2008/2012/2012 R2 – X64. |  |
|  | Power source | 220 - 240 V, 50/60 Hz, Energy Star. |  |
|  | Installation | Device Installation must be done by Seller |  |
|  | Warranty | Min. 2 years |  |

გთხოვთ ცალკეულ პოზიციაზე გარკვევით მიუთითოთ ერთეულისა და ჯამური ღირებულები თბილისში ტრანსპორტირებით, დღგ-ს გარეშე.

შემოთავაზებულ პროდუქციაზე ფირმას უნდა შეეძლოს **MAF-ის** წარმოდგენა (შემოთავაზებული ბრენდის მწარმოებლის ავტორიზაცია).

შემოთავაზებული პროდუქტი არ უნდა იყოს მოხსნილი წარმოებიდან