



## TECHNICAL SPECIFICATIONS

### Minimum technical specifications - LAPTOP

<b>Min Proc. Rating according to: cpubenchmark.net</b>	8000 points
<b>Chipset</b>	Intel Core / AMD Ryzen (at least gen 8)
<b>RAM</b>	1x16GB, DDR4 Memory (non-on-board)
<b>HDD Size</b>	SSD NVMe 512GB
<b>Graphics</b>	Integrated HD Graphics
<b>Media Device</b>	Memory Card Reader (optional)
<b>Display</b>	15.6" FHD LED (1920 x 1080), Anti-Glare
<b>Battery</b>	Min. 60 Wh
<b>Ports</b>	3 USB 3.0/USB 3.1; 1 DP/HDMI; 1 Integrated Mic.; 1 Integrated HD Web Camera; 1/1 Headphone/Microphone Jack or 1 Combo Jack
<b>Networking</b>	10/100/1000 Mbps LAN (RJ-45); Wireless 802.11ac compatible with 802.11b/g/n); Bluetooth min. V4.1;
<b>Sound</b>	Integrated, (2) x built-in Speakers (stereo)
<b>Preinstalled Licensed O.S.</b>	OEM Windows 10/11 64-bit Pro
<b>Keyboard</b>	QWERTY
<b>Pointing Device</b>	Touch Pad
<b>Security</b>	Embedded Security TPM 2.0
<b>Power Cord</b>	European
<b>Recharger</b>	European
<b>Mouse</b>	Yes
<b>Warranty</b>	3 years

### Minimum technical specifications- DESKTOP AND SCREEN

<b>Min Proc. Rating according to: cpubenchmark.net</b>	8 000 points
<b>Chipset</b>	Intel Core / AMD Ryzen (at least gen 8)
<b>RAM</b>	16 GB, min. DDR4 2666 MHz
<b>HDD Size</b>	≥ 500 GB SSD or M2 2280
<b>HDD Speed</b>	7200 RPM SATA 6.0 Gb/s
<b>Disk Subsystem Controller</b>	Serial ATA III 6.0 Gb/s
<b>Graphics</b>	Dedicated Graphic card HD PCI-E x16, Min. 2 GB Memory: Min. (2) Porta (VGA/DVI/HDMI/DP
<b>Media Device</b>	DVD+/-RW



<b>Slots</b>	Min. 3 PCI/PCI-E, min. 1 PCI-E 3.0 x16
<b>Ports</b>	Min. 3 USB in front; min. 4 USB 3.0m 1 RJ-45, 1 Audio In/Out, 1 Mic. and 1 Headphone
<b>Networking</b>	10/100/1000 LAN Integrated Gigabit Ethernet Port
<b>Sound</b>	Integrated Sound Card
<b>Preinstalled Licensed O.S.</b>	OEM Windows 10 64-bit Pro
<b>Keyboard</b>	QWERTY
<b>Pointing Device</b>	Touch Pad
<b>Security</b>	Embedded Security TPM 2.0
<b>Power Cord</b>	European
<b>Recharger</b>	European
<b>Mouse</b>	Yes
<b>Power Supply</b>	220 V AC, 50 Hz
<b>Energy Efficiency</b>	Energy Star
<b>Screen</b>	
<b>Type</b>	LCD or LED
<b>Size</b>	≥ 21"
<b>Native Resolution</b>	1920 x 1080 at 60 Hz
<b>Contrast Ratio Static</b>	1000:01:00
<b>Display Port</b>	1 VGA and 1 DP, DVI, or HDMI
<b>Response Time</b>	≤ 6 ms
<b>Energy Efficiency</b>	Energy Star
<b>Power Supply</b>	220 V AC, 50 Hz
<b>Warranty</b>	3 years

### Minimum technical specifications- PROJECTOR

<b>Type</b>	DLP / LED / LCD
<b>Brightness</b>	4000 ANSI Lumen
<b>Resolution</b>	FULL HD 1920 x 1080
<b>Video Compatibility</b>	NTSC/PAL
<b>Lamp Life</b>	4000 hours, standard
<b>Contrast Ratio</b>	10 000: 1
<b>Input Terminal</b>	1 VGA, 1 HDMI, 1 COMPOSIT or 1 S-Video, 1 USB 2.0, 1 RJ-45 LAN
<b>Power Cord</b>	European
<b>Remote Control</b>	Yes
<b>Included Cords</b>	1 VGA to VGA, 1 HDMI to HDMI, 1 RCA to RCA or 1 S-Video; cables must be at least 3 m



<b>CD User Manual</b>	Yes
<b>Carrying Bag</b>	Yes
<b>Warranty</b>	3 years

### Minimum technical specifications- UPS

<b>Power</b>	1000 VA
<b>Power Factor</b>	≥0.8
<b>Wave Form</b>	Sine Wave
<b>Output Nominal Voltage</b>	220-240 V AC
<b>Output Frequency</b>	50 Hz +/- 5%
<b>Volt, Regul. (On Battery)</b>	+/-10%
<b>Output Connectors</b>	at least 4 IEC 320 C13 (battery backup)
<b>Input Nominal Voltage</b>	220 - 240 V AC
<b>Input Frequency</b>	50 Hz
<b>Input Voltage Window</b>	170 - 270 V AC
<b>AVR</b>	Yes
<b>Input Connectors</b>	1 IEC 320 C14
<b>Shutdown Software</b>	Yes
<b>LED Indicators</b>	All operating states
<b>Audible Indicators</b>	All operating states
<b>Interface</b>	1 DB9 serial or USB
<b>Protection</b>	Overload, Discharge, and Overcharge Protection
<b>Transfer time</b>	≤4 ms
<b>Back-Up Time</b>	≥6 min. Me ngarkesë të plotë
<b>Battery Type</b>	12 V DC 7 Ah Lead-Acid
<b>Power Cord</b>	1 European IEC-C13
<b>PC Power Cord</b>	2 IEC 320 C13 - IEC 320 C14
<b>Data Cable</b>	1 DB9 Serial - DB9 Serial or USB - USB
<b>Warranty</b>	3 years

### Minimum technical specifications- Multi-function (MFP) PRINTER

<b>Model</b>	Copier, Printer, Scanner
<b>Copy/Print/Scan Speed for A4</b>	≥ 55 ppm
<b>Monthly Duty Cycle</b>	200 000 pages



Technology	Laser B&W
Reduction/Enlargement	25%-400%
Document Feeder	RADF/DADF
Paper Trays	2-4 (bypass included)
Input Capacity min	2000 sheets
Output Capacity min	1000 sheets
Duplex Copying/Print	Yes
Ethernet	Yes
Media Sizes	A3/A4
Memory	≥ 2 GB
Hard Disk	≥ 250 GB
Scan Resolution	600x600 dpi
Maximum Scan Size	A3
Toner	Starter Kit
Interface	High Speed USB 2.0
Power Cord	European
Software/Drivers CD	Yes
Warranty	3 years or 600 000 copies