



## Minimum technical specifications for IT Equipment

<b>LAPTOP MODEL 1</b>	
<b>Minimum technical specification</b>	
<b>Min Proc. Rating According to: cpubenchmark.net</b>	8 700 points (at least 8th gen)
<b>Chipset</b>	Intel or equivalent
<b>RAM</b>	8 GB DDR4, min 2400 MHz, Non-ECC
<b>HDD Size</b>	256 GB SSD
<b>Graphics</b>	Integrated HD Graphics
<b>Display</b>	15.6" FHD LED (1920 x 1080), Anti-Glare
<b>Battery</b>	Min. 45 Wh
<b>Ports</b>	Min. (3) USB, at least (2) should be USB 3.0; (1/1) Headphone/Microphone Jack or (1) Combo Jack; (1) Integrated web camera; (1) Integrated mic.; (1) DisplayPort/HDMI; (1) Memory card reader
<b>Networking</b>	10/100/1000 Mbps LAN (RJ-45); Wireless 802.11 ac (compatible me 802.11b/g/n); Bluetooth min. V4.0
<b>Sound</b>	Integrated, (2) x built-in speakers (stereo)
<b>Preinstalled Licensed O. S.</b>	OEM Windows 10 64-bit Professional
<b>Keyboard</b>	QWERTY
<b>Pointing Device</b>	Touch Pad
<b>Security Management</b>	Trusted Platform Module TPM 2.0
<b>Power Cord</b>	Yes, European
<b>Recharger</b>	Yes
<b>Mouse</b>	Yes
<b>Carrying bag</b>	Backpack, suitable for laptop and other accessories
<b>Recover</b>	Recover Partition
<b>Warranty</b>	1-3 years

<b>LAPTOP MODEL 2</b>	
<b>Minimum technical specification</b>	
<b>Min Proc. Rating according to: cpubenchmark.net</b>	12 200 points (generation compatible with Windows 11)
<b>Chipset</b>	Intel Core
<b>RAM</b>	16 GB, min. DDR4 2666 MHz

<b>HDD Size</b>	≥ 500 GB SSD or M2 2280
<b>Graphics</b>	Dedicated Graphics with min. 4 GB Memory
<b>Media Device</b>	Memory Card Reader
<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 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>Carrying Bag</b>	Yes
<b>Warranty</b>	3 years

## **DESKTOP**

### **Minimum technical specification**

<b>Min Proc. Rating according to: cpubenchmark.net</b>	11 500 points (generation compatible with Windows 11)
<b>Chipset</b>	Intel Core
<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) Ports (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

Warranty	1-3 years
<b>SCREEN</b>	
<b>Minimum technical specification</b>	
Type	LCD or LED
Size	≥ 21"
Native Resolution	1920 x 1080 at 60 Hz
Contrast Ratio Static	1000:01:00
Display Port	1 VGA and 1 DP, DVI, or HDMI
Response Time	≤ 6 ms
Energy Efficiency	Energy Star
Power Supply	220 V AC, 50 Hz
Warranty	1-3 years
<b>UPS</b>	
<b>Minimum technical specification</b>	
Power	1000 VA
Power Factor	≥0.8
Wave Form	Sine Wave
Output Nominal Voltage	220-240 V AC
Output Frequency	50 Hz +/- 5%
Volt, Regul. (On Battery)	+/-10%
Output Connectors	at least 4 IEC 320 C13 (battery backup)
Input Nominal Voltage	220 - 240 V AC
Input Frequency	50 Hz
Input Voltage Window	170 - 270 V AC
AVR	Yes
Input Connectors	1 IEC 320 C14
Shutdown Software	Yes
LED Indicators	All operating states
Audible Indicators	All operating states
Interface	1 DB9 serial or USB
Protection	Overload, Discharge, and Overcharge Protection
Transfer time	≤4 ms
Back-Up Time	≥6 min. Me ngarkesë të plotë
Battery Type	12 V DC 7 Ah Lead-Acid
Power Cord	1 European IEC-C13
PC Power Cord	2 IEC 320 C13 - IEC 320 C14
Data Cable	1 DB9 Serial - DB9 Serial or USB - USB
Warranty	1-3 year

<b>VIDEO PROJECTOR Model 1</b>	
<b>Minimum technical specification</b>	
Type	DLP or LED or LCD
Brightness	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>Projector wall mount stand</b>	Yes
<b>Warranty</b>	1-3 years

<b>VIDEO PROJECTOR Model 2</b>	
<b>Minimum technical specification</b>	
<b>Type</b>	LCD Technology
<b>Brightness</b>	4000 ANSI Lumen
<b>Resolution</b>	Full HD 1080p, 1920 x 1080, 16:9
<b>Video Compatibility</b>	NTSC/PAL
<b>Lamp Life</b>	UHE, 230 W, 5,500 h durability, 12,000 h durability (economy mode)
<b>Contrast Ratio</b>	16,000: 1
<b>Input Terminal</b>	USB 2.0 Type A, USB 2.0 Type B, Wireless LAN IEEE 802.11b/g/n, VGA in, HDMI in (2x), Composite in, Cinch audio in, Miracast
<b>Colour Reproduction</b>	Upto 1.07 billion colours
<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>Projector wall mount stand</b>	Yes
<b>Warranty</b>	1-3 years

<b>PRINTER</b>	
<b>Minimum technical specification</b>	
<b>Color Print Speed A4</b>	≥ 25 ppm
<b>Monthly Duty Cycle</b>	20 000 Faqe
<b>Technology</b>	Laser
<b>Print Quality</b>	600x600 dpi
<b>Input Capacity</b>	250 Fletë
<b>Media Sizes</b>	60-120 g/m <sup>2</sup>
<b>Media format</b>	A4/A5/Envelope
<b>Memory</b>	≥ 256 MB

<b>Toner</b>	Starter kit included
<b>Interface</b>	High Speed USB 2.0
<b>Ethernet</b>	Yes
<b>Power Cord</b>	Yes European
<b>Software/Drivers CD</b>	Yes
<b>Kabelli USB</b>	Yes
<b>Warranty</b>	3 years

<b>WIFI ROUTER</b>	
<b>Minimum technical specification</b>	
<b>Type</b>	Router Wireless Wi-Fi Gigabit
<b>Operation Mode</b>	Wireless router mode; Access point mode; Media bridge mode
<b>Klasa</b>	Min. AC 1900
<b>Wi-Fi Standards</b>	IEEE 802.11a/b/g/n/ac
<b>Network Standard</b>	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IPv4, IPv6
<b>Ports</b>	1 Gigabit WAN Port; 4 Gigabit LAN Ports; 1 USB 2.0 / USB 3.0
<b>WAN Connection Type</b>	Automatic IP, Static IP, PPPoE (MPPE supported), PPTP, L2TP
<b>Transfer rate</b>	Min. 300 Mbps
<b>Routing Protocols</b>	IPSec, L2TP or PPTP
<b>Band</b>	Dual Band: 2.4 GHz & 5 GHz
<b>Wireless 2.4 GHz Max data rate</b>	300 Mbit/s
<b>Wireless 5 GHz Max data rate</b>	867 Mbit/s
<b>Antennas</b>	Build-In or External
<b>Security Features</b>	WEP 64/128-bit; WPA2-Personal & Enterprise (AES/TKIP); WPS
<b>Buttons</b>	WPS Button; Reset Button
<b>System Requirements</b>	Windows 10/11
<b>Power Supply</b>	AC Input: 110 - 240 V AC (50/60 Hz)
<b>Accessories Included</b>	Quick Start Guide; CD-ROM with Documentation (Optional); External Antennas (Optional); Ethernet Cable; Power Adapter; Power Cord
<b>Warranty</b>	1-3 years