

Annex-1-Technical Specifications

Laptop Specification (minimum requirement) Laptop Quantity: 8 Docking Station Quantity: 8	
Operating System	<input checked="" type="checkbox"/> Windows <input type="checkbox"/> Linux <input type="checkbox"/> Mac OS <input type="checkbox"/> not required. Windows 11 Pro
Processor (min)	Intel Core i5 Gen 13 or equivalent
Number of Cores (min)	<input type="checkbox"/> 4 <input type="checkbox"/> 8 <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 12 <input type="checkbox"/> 14 <input type="checkbox"/> 16
Number of threads (min)	<input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 12 <input type="checkbox"/> 16 <input type="checkbox"/> 24 <input type="checkbox"/> 32
RAM Size (min)	<input type="checkbox"/> 2 GB <input type="checkbox"/> 4 GB <input type="checkbox"/> 8 GB <input checked="" type="checkbox"/> 16 <input type="checkbox"/> 32
Hard Drive Type	<input type="checkbox"/> HDD <input checked="" type="checkbox"/> SSD
Hard Drive Size (min)	512 GB SSD M2 PCIe NVMe
Screen Size	<input type="checkbox"/> 10" <input type="checkbox"/> 11" <input type="checkbox"/> 13" <input checked="" type="checkbox"/> 14" <input type="checkbox"/> 15" <input type="checkbox"/> range
Display Resolution (min)	<input type="checkbox"/> Lower than FHD <input checked="" type="checkbox"/> FHD (1920 x 1080) <input type="checkbox"/> 4K
Battery Capacity WH (min.)	At least 3- cell 42 WH
Connectivity and Ports	Min. Wi-Fi 6 (Wi-Fi 802.11ax) and Bluetooth 5.1, min. 2x USB 3.2, 2 x USB-C Thunderbolt 4, HDMI 2.0, or DP
Special Features (warranty, memory card reader, GPS, etc.)	<input type="checkbox"/> 4G/5G <input type="checkbox"/> Discrete Graphic Card (amount ...) <input checked="" type="checkbox"/> Keyboard backlight <input type="checkbox"/> German Keyboard Layout (QWERTZ) <input type="checkbox"/> Integrated Speakers and Microphone <input checked="" type="checkbox"/> Front HD Camera with Microphone <input type="checkbox"/> Fingerprint Reader <input type="checkbox"/> Keyboard with Numpad <input type="checkbox"/> Touch Screen <input checked="" type="checkbox"/> Headphone/Microphone combo/universal audio/ port Warranty: <input type="checkbox"/> none <input type="checkbox"/> 1 year <input checked="" type="checkbox"/> 2 years <input checked="" type="checkbox"/> 3 years
Weight (max.)	1.4 kg
Additional Accessories	Branded USB standard Keyboard & Mouse (wireless) webcam, Laptop Stand

Annex-1-Technical Specifications

Docking Station	Branded Adjustable to laptop,
------------------------	-------------------------------

Quantities:

Laptop: 8

Docking Station: 8

Keyboard: 3

Mouse: 3

Webcam: 2

Laptop Stand: 4

Note:

8 Monitors should be adjustable to these laptops

Laptop Specification (minimum requirement) Laptop Quantity: 1 Docking Station Quantity: 1	
Operating System	<input checked="" type="checkbox"/> Windows <input type="checkbox"/> Linux <input type="checkbox"/> Mac OS <input type="checkbox"/> not required. Windows 11 Pro
Processor (min)	Intel Core i5 Gen 13 or equivalent
Number of Cores (min)	<input type="checkbox"/> 4 <input type="checkbox"/> 8 <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 12 <input type="checkbox"/> 14 <input type="checkbox"/> 16
Number of threads (min)	<input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 8 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 12 <input type="checkbox"/> 16 <input type="checkbox"/> 24 <input type="checkbox"/> 32
RAM Size (min)	<input type="checkbox"/> 2 GB <input type="checkbox"/> 4 GB <input type="checkbox"/> 8 GB <input checked="" type="checkbox"/> 16 <input type="checkbox"/> 32
Hard Drive Type	<input type="checkbox"/> HDD <input checked="" type="checkbox"/> SSD
Hard Drive Size (min)	512 GB SSD M2 PCIe NVMe
Screen Size	<input type="checkbox"/> 10" <input type="checkbox"/> 11" <input type="checkbox"/> 13" <input checked="" type="checkbox"/> 14" <input type="checkbox"/> 15" <input type="checkbox"/> range
Display Resolution (min)	<input type="checkbox"/> Lower than FHD <input checked="" type="checkbox"/> FHD (1920 x 1080) <input type="checkbox"/> 4K
Battery Capacity WH (min.)	At least 3- cell 42 WH

Annex-1-Technical Specifications

Connectivity and Ports	Min. Wi-Fi 6 (Wi-Fi 802.11ax) and Bluetooth 5.1, min. 2x USB 3.2, 2 x USB-C Thunderbolt 4, HDMI 2.0, or DP
Special Features (warranty, memory card reader, GPS, etc.)	<input type="checkbox"/> 4G/5G <input type="checkbox"/> Discrete Graphic Card (amount ...) <input checked="" type="checkbox"/> Keyboard backlit <input type="checkbox"/> German Keyboard Layout (QWERTZ) <input type="checkbox"/> Integrated Speakers and Microphone <input checked="" type="checkbox"/> Front HD Camera with Microphone <input type="checkbox"/> Fingerprint Reader <input type="checkbox"/> Keyboard with Numpad <input checked="" type="checkbox"/> Touch Screen <input checked="" type="checkbox"/> Headphone/Microphone combo/universal audio/ port Warranty: <input type="checkbox"/> none <input type="checkbox"/> 1 year <input checked="" type="checkbox"/> 2 years <input checked="" type="checkbox"/> 3 years
Weight (max.)	1.4 kg
Additional Accessories	Branded USB standard Keyboard & Mouse (wireless) Pen for touch screen, Laptop Stand, extra charger
Docking Station	Branded Adjustable to laptop,

Quantities:

Touch Screen Laptop with pen: 1

Docking Station: 1

Keyboard wireless : 1

Mouse wireless : 1

Laptop Stand: 1

Laptop charger 2 in total

Note:

2 Monitors should to be adjusted to this touch screen laptop.

Monitor Specification	
Quantity: 10	
Screen Size (inches)	Larger than: 26" Smaller than: 27.5"
Screen Type	<input checked="" type="checkbox"/> Widescreen <input type="checkbox"/> Square

Annex-1-Technical Specifications

Display Resolution	<input checked="" type="checkbox"/> Full HD <input type="checkbox"/> Lower <input type="checkbox"/> 4K <input type="checkbox"/> Higher
Ports	<input checked="" type="checkbox"/> HDMI <input type="checkbox"/> DVI / VGA <input checked="" type="checkbox"/> USB
Screen response Time (milliseconds)	No more than:
Refresh Rate (Hz)	No less than: 60hz
Screen Technology	<input type="checkbox"/> IPS <input checked="" type="checkbox"/> LED
Additional Features	Height-adjustable stand, pivot, tilt, swivel and built-in cable-management
Screen visibility	At least 175°
Warranty	Min 2 years