



Republika ng Pilipinas  
**Kagawaran ng Edukasyon**  
Tanggapan ng Pangalawang Kalihim



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**OUA MEMO 00-0622-0164**

**MEMORANDUM**

27 June 2022

For: **Execom and Mancom Members  
Regional Directors  
Schools Division Superintendents  
Regional and Division Information Technology Officers  
Principals and Heads of Public Schools  
All Others Concerned**

Subject: **MINIMUM SPECIFICATIONS FOR ICT EQUIPMENT TO BE  
PROCURED USING DEPED FUNDS**

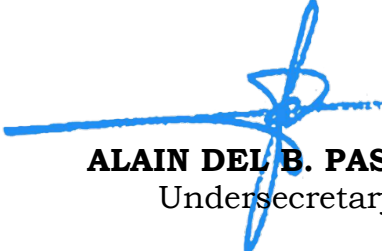
The Office of the Undersecretary for Administration hereby defines the required minimum specifications (found in the attached Enclosure) for Information and Communications Technology (ICT) equipment that will be procured using the funds of the Department of Education (DepEd).

These minimum specifications will facilitate the use of technology in education and will satisfy the requirements of DepEd systems and platforms.

Furthermore, DepEd offices do not need to purchase Microsoft Office as the Department already has a Volume Licensing arrangement that allows the software to be installed in all devices used for public schools. Installation of Microsoft Office shall be coursed through the IT Officer of the Regional Office or Schools Division Office.

All are enjoined to give these minimum specifications to local government units, external partners and/or donors as references for ICT gadgets/equipment they intend to donate or turn over to DepEd schools and/or offices.

For strict compliance.

  
**ALAIN DEL B. PASCUA**  
Undersecretary



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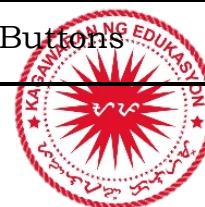
**Office of the Undersecretary for Administration (OUA)**

*[Administrative Service (AS), Information and Communications Technology Service (ICTS), Disaster Risk Reduction and Management Service (DRMMS), Bureau of Learner Support Services (BLSS), Baguio Teachers Camp (BTC), Central Security & Safety Office (CSSO)]*

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## ENCLOSURE

<b>LAPTOP</b>	
<b>TECHNICAL SPECIFICATIONS</b>	
Processor	<ul style="list-style-type: none"> <li>• 1.6Ghz Based Speed with Turbo Speed; if 4-Core &amp; 8-Thread 6MB cache</li> <li style="text-align: center;">OR</li> <li>• 2Ghz Based Speed with Turbo Speed; if 4-Core &amp; 8-Thread 4MB cache</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• 2 x 4GB DDR4 or</li> <li>• 1 x 8GB DDR4</li> </ul>
Monitor	<ul style="list-style-type: none"> <li>• Screen Size: Min 13"</li> <li>• Resolution: Min 1920 x 1080 (<i>Full HD</i>), 1080p</li> <li>• Anti-Glare LED-Backlit OR IPS Technology</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• Max 1.6 kgs</li> </ul>
Storage	<ul style="list-style-type: none"> <li>• 1 TB SSD</li> </ul>
Audio	<ul style="list-style-type: none"> <li>• 6Ω/1W Speaker x 2 Built-in Speakers</li> <li>• <math>\phi</math> 3.5mm standard headphone jack</li> </ul>
Camera	<ul style="list-style-type: none"> <li>• Built-in</li> </ul>
Connectivity	<ul style="list-style-type: none"> <li>• Wireless LAN 802.11 b/g /n/ac</li> <li>• Bluetooth</li> <li>• Built-in wireless screen mirroring</li> </ul>
Ports	<ul style="list-style-type: none"> <li>• 1 x USB 3.0 or 3.1 – Type C</li> <li>• 1 x Combo Audio jack</li> <li>• 1 x HDMI / Micro HDMI</li> </ul>
Keyboard	<ul style="list-style-type: none"> <li>• US English Layout</li> <li>• Standard Size</li> </ul>
Mouse	<ul style="list-style-type: none"> <li>• Optical</li> <li>• Bluetooth connection</li> </ul>
Headset	<ul style="list-style-type: none"> <li>• Over-the-Head</li> <li>• 3.5mm audio jack connection</li> </ul>
Touchpad	<ul style="list-style-type: none"> <li>• Multi-touch or Touch Pad with 2 Buttons</li> </ul>



Power Adapter	<ul style="list-style-type: none"> <li>Type-C or Standard AC/DC Adapter</li> </ul>
Other Requirements	
HDD Partition	<ul style="list-style-type: none"> <li>Drive C (system) and Drive D (data).</li> </ul>
	<ul style="list-style-type: none"> <li><b>Any key</b> to restore the Host Laptop in its original system state in case of breakdown</li> </ul>
	<ul style="list-style-type: none"> <li>Trusted Platform Module (<b>ISO/IEC 11889</b>) integrated to a chip on the computer.</li> </ul>



<b>SMART TV</b>	
<b>TECHNICAL SPECIFICATIONS</b>	
Display	<ul style="list-style-type: none"> <li>• Resolution: 3840 x 2160</li> <li>• Type: LED or OLED</li> <li>• Size: Min. 55”</li> </ul>
Connectivity	<ul style="list-style-type: none"> <li>• 1 USB ver. 2.0</li> <li>• 2 HDMI</li> <li>• Ethernet</li> <li>• Bluetooth</li> <li>• Wi-Fi Support</li> <li>• Component and Composite Video</li> </ul>
Operating System	<ul style="list-style-type: none"> <li>• Technology agnostic operating system</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Auto Volt / Auto Sensing Frequency</li> </ul>
Other Requirements	<p>All Deliveries must come with</p> <ul style="list-style-type: none"> <li>• Owner’s Manual</li> <li>• Remote Control with Battery/s</li> <li>• Wall Mounting Kit</li> <li>• Meter HDMI Cable</li> </ul>



## Tablet

### TECHNICAL SPECIFICATIONS

Processor	<ul style="list-style-type: none"><li>• Quad-core 2.0 GHz</li></ul>
Memory	<ul style="list-style-type: none"><li>• 2 GB</li></ul>
Display Size	<ul style="list-style-type: none"><li>• Minimum 8 in</li></ul>
Display Type	<ul style="list-style-type: none"><li>• IPS LCD Display</li></ul>
Display Resolution	<ul style="list-style-type: none"><li>• 800 x 1280 Pixels</li></ul>
Weight	<ul style="list-style-type: none"><li>• 350g max weight (without keyboard)</li></ul>
Build	<ul style="list-style-type: none"><li>• Glass front, aluminum back, aluminum frame</li></ul>
SIM	<ul style="list-style-type: none"><li>• Nano-SIM</li></ul>
Storage	<ul style="list-style-type: none"><li>• 64 GB Internal or 32 GB Internal with 32 GB SD Card</li></ul>
Camera	<ul style="list-style-type: none"><li>• Front and Rear</li></ul>
Network	<ul style="list-style-type: none"><li>• Wi-Fi 802.11 a/b/g/n/ac</li><li>• Bluetooth</li><li>• GPS</li></ul>
Interface	<ul style="list-style-type: none"><li>• Micro USB or Type C</li></ul>
Battery	<ul style="list-style-type: none"><li>• Lithium-Polymer 5000 mAh</li></ul>
Operating System	<ul style="list-style-type: none"><li>• Android 11.0</li><li>• Must have Google MADA certificate</li></ul>
Keyboard	<ul style="list-style-type: none"><li>• Magnetically detachable Bluetooth keyboard with 10M range</li><li>• Polyurethane leather cover and anti-slip rubber-lined interior to provide full protection for tablet</li><li>• Premium polycarbonate shell that locks tablet in place and absorbs drops and bumps</li><li>• Hard laptop style keyboard with high end Acrylonitrile Butadiene Styrene (ABS) material</li></ul>
Mouse	<ul style="list-style-type: none"><li>• Optical</li><li>• Bluetooth Mouse</li></ul>
Headset	<ul style="list-style-type: none"><li>• Over-the-Head</li><li>• 3.5mm audio jack or Type C connection</li></ul>
Applications	<ul style="list-style-type: none"><li>• Microsoft Office</li></ul>



	<ul style="list-style-type: none"><li>• Other applications (to be provided by DepEd)</li></ul>
After sales	<ul style="list-style-type: none"><li>• Three (3) years warranty on both parts and labor from authorized service centers</li></ul>

