

<b>IMT Standards</b>  IMT Standards Oversight Committee Government of Alberta	<b>Effective Date: 2014-07-31</b> <b>Scheduled Review: 2020-01-01</b> <b>Last Reviewed: 2019-01-01</b>
	<b>Type: Technical</b>
<b>Standard number – A000040</b>	
<b>Notebook - General</b>	
<b>Category: Hardware</b> <b>Keywords: Notebook, General</b>	

**Description of Standard**

The standard below outlines the Government of Alberta standard for a Notebook General configuration. This notebook is meant for general office tasks where mobility is required.

**Standard Specification**

The Notebook / General must support the following minimum standard specifications:

System Requirements	<ul style="list-style-type: none"> <li>Comply with Energy Star and EPEAT Silver rating</li> </ul>
Operating System	<ul style="list-style-type: none"> <li>This Notebook must support the following operating systems                             <ul style="list-style-type: none"> <li>Windows 10</li> </ul> </li> </ul>
CPU, Memory, and Storage	<ul style="list-style-type: none"> <li>Minimum 1.7Ghz quad-core                             <ul style="list-style-type: none"> <li>x64 (x86-64) compatible</li> <li>vPro Support</li> </ul> </li> <li>Minimum 8 GB Ram</li> <li>Hard Disk                             <ul style="list-style-type: none"> <li>Minimum 250 GB SSD</li> </ul> </li> </ul>
Peripheral Connections	<ul style="list-style-type: none"> <li>Universal Serial Bus (USB) ports                             <ul style="list-style-type: none"> <li>Minimum of 2 ports</li> </ul> </li> <li>Display port</li> <li>Stereo headphone/mic jack</li> <li>AC Power</li> <li>RJ-45 modular connector</li> </ul>
Display	<ul style="list-style-type: none"> <li>14" diagonal anti-glare (1920 x 1080)</li> </ul>
Graphics and Sound	<ul style="list-style-type: none"> <li>Integrated HD graphics</li> <li>Integrated sound card</li> <li>Integrated stereo speakers</li> <li>Integrated microphone.</li> </ul>

Camera	<ul style="list-style-type: none"> <li>• Integrated 720p HD webcam</li> </ul>
Keyboard	<ul style="list-style-type: none"> <li>• Full sized, spill resistant, backlit keyboard</li> <li>• Dual point touchpad with scroll zone, two finger scrolling and zoom, and point stick</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>• Minimum 10 hour battery life</li> <li>• Power adapter must be included and work with 120V-240V at 50-60Hz</li> </ul>
Communications	<ul style="list-style-type: none"> <li>• Wireless LAN (WLAN) card supporting 802.11a/b/g/n/ac</li> <li>• Bluetooth v4 or greater.</li> <li>• Integrated 10/100/1000 auto-sensing network adapter</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• Maximum 14" (L) x 10" (W) x 1" (H)</li> </ul>
Docking Station	<ul style="list-style-type: none"> <li>• Ability to add docking solution</li> </ul>
Unit Weight	<ul style="list-style-type: none"> <li>• Maximum weight of 2.0 kg with main battery.</li> </ul>
Security	<ul style="list-style-type: none"> <li>• TPM 1.2 Embedded Security</li> <li>• Security lock and cable</li> </ul>
Expansion Slots	<ul style="list-style-type: none"> <li>• Media card reader</li> </ul>

### Standard Options

The Notebook General must support the following additional options:

Memory, and Storage	<ul style="list-style-type: none"> <li>• Additional memory to upgrade to a maximum of 16 GB</li> <li>• Hard Disk – Up to 512 GB Solid State Drive</li> </ul>
Peripheral Connections	<ul style="list-style-type: none"> <li>• Wireless wheel mouse with USB compatibility</li> <li>• Keyboard with enhanced multimedia functionality and USB compatibility</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Additional power adapter</li> <li>• Additional long life battery</li> </ul>
Carrying Case	<ul style="list-style-type: none"> <li>• Full brief-case style</li> <li>• Thin laptop only style</li> </ul>
Docking Station	<ul style="list-style-type: none"> <li>• Docking solution which meets the following specifications: <ul style="list-style-type: none"> <li>○ Integrated 10/100/1000 network adapter</li> <li>○ Must include a separate power adapter</li> <li>○ Must support dual monitors</li> </ul> </li> </ul>

### **Where to Apply This Standard**

This applies to all Government of Alberta Ministries.<sup>1</sup>

### **Authority and Exceptions**

Internal Use Only

### **Supporting Documentation**

Not applicable.

### **Owner**

Service Alberta, Office of the Corporate CIO, Enterprise Operations and Infrastructure, Technical Solutions Architecture Team

### **Contact**

GoA IMT Standards at [imt.standards@gov.ab.ca](mailto:imt.standards@gov.ab.ca)

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<sup>1</sup> Ministries are defined as departments and exclude agencies, boards and commissions that do not report through the department unless the Minister responsible for administrating the department specifically identifies an agency, board or commission to be within scope

**Additional Information**

<b>Audience</b>	GOA
<b>Source</b>	Service Alberta, Office of the Corporate CIO, Enterprise Operations and Infrastructure, Technical Solutions Architecture Team
<b>Sensitivity</b>	Public
<b>Proposed Date</b>	2016-01-14
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