

IMT Standards IMT Standards Oversight Committee Government of Alberta	Effective Date: 2012-12-30 Scheduled Review: 2020-03-26 Last Reviewed: 2019-03-26
	Type: Technical, Product
Standard number – A000020	
iPad Hardware	
Category: Hardware Keywords: Tablet, Apple	

Description of Standard

The standard below outlines the Government of Alberta standard for corporate iPad devices.

Standard Specification

The iPad must meet the *minimum* specifications listed below:

Storage	<ul style="list-style-type: none"> • Minimum 32 GB
Wireless and Cellular	<ul style="list-style-type: none"> • Wi-Fi (802.11a/b/g/n/ac); dual channel (2.4GHz and 5GHz); HT80 with MIMO • Bluetooth 4.2 technology • LTE capable (optional, data only)
Display	<ul style="list-style-type: none"> • Retina display • 9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology • 2048-by-1536 resolution at 264 pixels per inch (ppi) • Fingerprint-resistant oleophobic coating
Chip	<ul style="list-style-type: none"> • A10 chip with 64-bit architecture and M10 coprocessor
Camera	<ul style="list-style-type: none"> • Video recording <ul style="list-style-type: none"> ○ 1080p HD video recording ○ Slo-mo (120 fps) ○ Time-lapse video with stabilization ○ Video image stabilization ○ Body and face detection ○ 3x video zoom ○ Video geotagging

	<ul style="list-style-type: none"> • Camera <ul style="list-style-type: none"> ○ 8MP megapixel Camera ○ Live photos ○ Autofocus ○ Body and face detection ○ Backside illumination ○ Five-element lens ○ Hybrid IR filter ○ <i>f</i>/2.4 aperture ○ Panorama ○ Burst Mode ○ Timer Mode ○ Tap to focus video or still images ○ Photo geotagging • FaceTime HD Camera <ul style="list-style-type: none"> ○ 1.2MP photos ○ 720p HD video recording ○ <i>f</i>/2.2 aperture ○ Face detection ○ Backside illumination
Power & Battery	<ul style="list-style-type: none"> • Built-in 32.4-watt-hour rechargeable lithium-polymer battery • Up to 10 hours of surfing the web on Wi-Fi, watching video or listening to music • Up to 9 hours of surfing the web using cellular data network • Charging via power adapter or USB to computer system
Input / Output	<ul style="list-style-type: none"> • Lightning connector • 3.5-mm stereo headphone jack • Built-in speaker • Nano-SIM card tray
Sensors	<ul style="list-style-type: none"> • Touch ID • Three-axis gyro • Accelerometer • Barometer • Ambient light sensor
Location	<ul style="list-style-type: none"> • Wi-Fi • Digital compass • Assisted GPS and GLONASS • Cellular • iBeacon microlocation
Size	<ul style="list-style-type: none"> • Height < 10 inches • Width < 7 inches

Weight	<ul style="list-style-type: none">• Weight < 1.5 pounds
Environmental Requirements	<ul style="list-style-type: none">• Operating temperature: 0° to 35° C (32° to 95° F)• Non-operating temperature: -20° to 45° C (-4° to 113°F)• Relative humidity: 5% to 95% noncondensing

Where to Apply This Standard

This applies to all Government of Alberta Ministries.

Authority and Exceptions

Internal Use Only

Supporting Documentation

Not applicable.

Owner

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

Contact

GoA IMT Standards at imt.standards@gov.ab.ca

Additional Information

Audience	GOA
Source	Service Alberta, Office of the Corporate CIO, Enterprise Operations and Infrastructure, Technical Solutions Architecture Team
Sensitivity	Public
Proposed Date	2011-09-29
Proposed By	Service Alberta, Service Modernization- Christine Pastuzyk, Enterprise Architect – 780-422-8881