All-in-One G2

Multi-Technologies System

All-in-One G2 specifications and standards

SIC Biometrics
# All-in-One G2 Device Specifications

## Standard Compliant
- PC/SC, ISO 7819 / ISO 14443 card standards
- USB 2.0, 3.0, USB-C
- FCC / CE
- RoHS Directive 2002/95/EC
- FCC Part 15 (per ANSI C62.4:2003) Class A,
  ICES-003 Class A, CE emissions
- IP 54 with card slot and port rubber protection
- Low flammable ABS/PC

## Technologies
- Capture single, dual or four fingers direct, single finger rolls
- Dual iris
- Contact and contactless card/e-Passport readers
- 1 USB 3.0 external port (S/W secured)
- 1 USC-C external port (charging or COM in tablet)
- PC/SC, ISO 7819 / ISO 14443 card standards
- USB 2.0, 3.0, USB-C
- FCC / CE
- RoHS Directive 2002/95/EC
- FCC Part 15 (per ANSI C62.4:2003) Class A,
  ICES-003 Class A, CE emissions
- IP 54 with card slot and port rubber protection
- Low flammable ABS/PC

## Dimensions
- 13 1/4 x 12 x 1 3/8”
- Weight: 4.0lbs
- Battery life: 8 hours
- Operating temp: -10°C ~ +55°C / 14°F ~ 131°F
- Storage temperature: -20°C ~ +60°C / -4°F ~ 140°F

## Fingerprint Sensor
- Sensing area 3.2” x 2.5” (FAP-50)
- 500PPi
- Image Size 1,600 x 1,000 pixels
- Speed 15 Frames Per Second
- Operates in direct sunlight
- FAP-50 FBI Appendix-F certified fingerprint sensor
- RAW, JPEG2000, BMP, PNG, WSQ, ANSI-378 and ISO template
- 256 grayscale dynamic range
- Surface resistant to ammonia, IPA, methanol, soaps/detergents, salt water

## Iris Reader
- Dual automatic iris captures and quality control
- 5.5 inches -5.9 inches capture distance
- Capable to do Indoor and Outdoor capture. (avoid direct sunlight and bright reflections).
- Using near infrared LED
- ISO Standard 19794-6 (2005 & 2011), (640 x 480 Pixels, 8 bit Grayscale), full support of K1, K2, K3, K7
- Eye safety standard (IEC 62471:2006-07), RoHS FCC-Class B*, IP54*
- RSA (2048-bit) and AES (256-bit); X509 Certificate, PFX/PKCS#12 Certificate, RSA key pair generated on-board
### Smart Card Readers
- Read and write ISO-7816 contact smart card of different types such as PIV and TWIC. Class A, B, C
- ISO-14443/A-B Contactless smart card and e-Passport.
- Support up to 2048 bit RSA encryption
- ISO 7816 standard, parts 1, 2, 3 and 4
- PIV FIPS-201

### Tablet

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Standard Compliant</th>
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<tbody>
<tr>
<td>• 12” diagonal FHD BrightView WUXGA+ UWVA eDP</td>
<td>• UL/CSA , 1999/5/CE, FCC part 15</td>
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<tr>
<td>ultra-slim LED-backlit touch screen (1920 x1280),</td>
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<td>direct bonded, Corning® Gorilla® Glass 4</td>
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<tr>
<td>• Intel® Core™ m5-6Y54 with Intel HD Graphics 515</td>
<td>• Wi-Fi certified, IEEE 802.11a, IEEE 802.11b</td>
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<td>(1.1 GHz, up to 2.7 GHz with Intel Turbo Boost</td>
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<tr>
<td>Technology, 4 MB cache, 2 cores)</td>
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<tr>
<td>• 4 or 8 GB LPDDR3-1866 SDRAM</td>
<td>• E-GPRS: Class B, Multi-slot class 33, coding</td>
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<tr>
<td>• 128 or 256 GB SATA TLC SSD</td>
<td>schemes CS1 - CS4 and MSC1 - MSC9.</td>
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<td>• Built-in 8MP and flash rear facing camera and 5MP</td>
<td>• UMTS/WCDMA: Release 99 and Release 7</td>
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<tr>
<td>front facing camera</td>
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<tr>
<td>• Intel® Dual Band Wireless-AC 8260</td>
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<tr>
<td>802.11a/b/g/n/ac (2x2) Wi-Fi and Bluetooth® 4.2</td>
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<tr>
<td>Combo with or without 4G</td>
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<td>• Microsoft Windows 10 Pro Operating System</td>
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</table>
Commercial grade 12'' Windows Tablet

FBI certified FAP-50 4 slap and roll fingerprint sensor

Rear dual iris reader

Additional variable LEDs

8 MP Camera and flash

Industrial grade ABS/Polycarbonate/rubber case