




## 7-INCH TABLET COMPARISON CHART



**MESA® 4 WINDOWS**



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### SYSTEM

|                              |   |  |
|------------------------------|---|--|
| Operating System             | Windows 11 Pro  | Windows 10                                       |
| Processor                    | Intel® N200 processor, 3.7 GHz burst                    | Quad-core Intel® Pentium® N4200 processor        |
| Memory (RAM)                 | 8 GB LPDDR5 or 16 GB LPDDR5                             | 8 GB LPDDR4                                      |
| Internal Storage (max)       | 128 or 256 GB PCIe SSD                                  | 128 GB or 256 GB                                 |
| Screen Size (diagonal)       | 7" (178 mm)   | 7" (178 mm)                                      |
| Screen Orientation (primary) | Portrait  | Portrait   |
| Screen Resolution            | 1280 x 800  | 1280 x 800                                       |
| Screen Type                  | High-visibility projected capacitive (800 NITS typical) | High-visibility projected capacitive             |
| Weight (includes battery)    | 1.5-2.0 lbs (680-907 g)                                 | 1.5-2.0 lbs (680-907 g)                          |
| Hot-swap Batteries           | Yes (Optional internal battery must be included)        | Yes (Optional internal battery must be included) |

### RUGGEDNESS

|                               |  |  |
|-------------------------------|--|--|
| Ingress Protection            | IP68 waterproof & dustproof                        | IP68 waterproof & dustproof                        |
| Shock/Drop                    | Multiple drops 4' (1.2 m) to concrete              | Multiple drops 4' (1.2 m) to concrete              |
| Operating Temperature         | -4 F to 122 F (-20 C to 50 C)                      | -4 F to 122 F (-20 C to 50 C)                      |
| Storage Temperature           | -22 F to 158 F (-30 C to 70 C)                     | -22 F to 158 F (-30 C to 70 C)                     |
| MIL-STD                       | 810H   | 810G   |
| Intrinsically Safe (optional) | Class I, II, and III, Div 2 Group A, B, C, D, F, G | Class I, II, and III, Div 2 Group A, B, C, D, F, G |

### CONNECTIVITY

|                                 |   |  |
|---------------------------------|---|--|
| Secure Digital (SD/SDHC) slot   | MicroSDXC                               | MicroSDXC                              |
| USB client                      | Yes                                     | Yes                                    |
| USB host                        | Yes                                     | Yes                                    |
| Serial RS-232 9-pin port        | Optional                                | Optional                               |
| Audio jack                      | Yes                                     | Yes                                    |
| Integrated Bluetooth            | Yes                                     | Yes                                    |
| Integrated wireless LAN (Wi-Fi) | Yes                                     | Yes                                    |
| Cell Modem                      | Optional 4G LTE                         | Optional 4G LTE                        |
| Integrated camera               | Optional Windows 13 MP rear, 5 MP front | Optional Windows 8 MP rear, 2 MP front |
| GNSS with WAAS/SBAS             | Internal                                | Internal                               |
| GNSS Accuracy                   | 2-5 meters                              | 2-5 meters                             |
| Submeter GNSS Post-processing   | Yes (select models)                     | Yes (select models)                    |

### USER INTERFACE

|                            |                                 |                                 |
|----------------------------|---------------------------------|---------------------------------|
| Touchscreen                | Yes                             | Yes                             |
| On-screen keyboard         | Yes                             | Yes                             |
| Keypad style               | Physical buttons (programmable) | Physical buttons (programmable) |
| Support external keyboard  | Yes                             | Yes                             |
| Integrated barcode scanner | Optional 1D/2D                  | Optional 1D/2D                  |
| RFID                       | Optional                        | Optional                        |