

mesa®



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