MACH-1 Mobile Adaptive Configurable Hardware

Feature	MACH-1ⁱ	MACH-1ˢ	MACH-1ʳ
Liquid Crystal Display	9.7" Diagonal, 1024 x 768 Resolution, 4:3 Aspect Ratio, 900 Contrast Ratio		
Touch Panel	Projected Capacitance, 10-Point, Chemically Hardened Glass (HL7)		Projected Capacitive or Resistive Touch
LED B/L Brightness	>350 nits	>500 nits (Daylight Readable)	
Computer on Module	Intel® Atom™ Bay Trail M Series SoC		Intel® Atom™ Bay Trail I Series SoC
CPU	N2920 1.86/2.0 (Burst) GHz, 4xCore, 400/756 (Turbo) GFX		1.33/1.91 GHz, 2x/4x Core, 542/792 (Turbo) GFX
On-Board Memory	4GB 1066MHz DDR3L SDRAM, 16GB eMMC		4GB 1333MHz DDR3L SDRAM, 16GB eMMC
OS Support	Win8/WES8 - launch, Win7/WES7, Android™ (JB), Linux® - planned		
Memory Storage	64/240GB mSATA		
Sensors	3-Axis Accelerometer, eCompass, Gyro, Magnetometer, Ambient Light Sensor		
Radios	802.11a/b/g/n, Bluetooth		
Cameras	2MP (Front); 5MP w/Flash LED (Rear)		
Audio	Omni-Directional, Noise Cancelling Microphone		
User Interfaces	Power Button, Reset Switch, 2xPFKs, Status Indicator, Dual Speakers, Audio Headset, Power Input		
Inputs/Outputs	2xPFKs, Bzattery Indicator, Dual Speakers, USB2/3 Type A, mini-HDMI (SIM/SD Card Slots in Battery Bay)		
Expansion	Docking Port, Expansion Port, 1 x mPCIe, 1 x mSATA		
Battery Pack	33 Whr (Hot Swappable BTO expansion option)		
Dimensions	8.5"H x 11"W x 0.85"D		8.5"H x 11"W x 1"D
Weight	2.6 lbs ± 5% (w/o BTO, expansion, dock, accessories)	2.7 lbs ± 5% (w/o BTO, expansion, dock, accessories)	3.0 lbs ± 5% (w/o BTO, expansion, dock, accessories)
Drop	1 ft	3 ft	4 ft
Environmental	IP65 (Core)		IP66 (Core)
Operating Temp	-10 to 50°C (14 to 122°F)		-20 to 60°C (-4 to 140°F)
Expansion Options	Auxiliary (Hot Swap) Battery, GPS Receiver, Cellular Radio		
Accessories	Stylus, AC Adapter, Kickstand, Hand Strap, Keyboard/Cover, Quick Start Guide, Driver CD		