## **Hardware Specification:**

ROBOT NAVIGATION SYSTEM- ROBOX <sup>TM</sup> Temi's human-robot interaction and autonomous navigation	3D mapping Navigation User detection and tracking Obstacle avoidance Path planning	
СРИ	ARM Hexa Core LINUX OS	
SENSORS	360 degrees LIDAR 2 depth cameras RGB camera 5 proximity sensors IMU sensor 6 Time of Flight linear sensors Real-time sensor fusion and data analysis ensures safe fully autonomous navigation	
TEMI OS	Super intuitive operating system that comes, hears, speaks, sees, and understands you, and is always learning how to serve you better.	
VOICE INTERACTION	Temi hears, identifies, understands, and responds to the user's voice using Auto Speech Recognition (ASR) and far field voice technology, natural language processing (NLP), speech-to-text and text-to-speech (TTS) engines	Uber speech Suda Action icon  Action icon  Action icon  Tem's response
USER INTERFACE	Temi's designed display enhances your experience with visuals that invite you to speak, hear and see what you want – creating the ultimate human-robot interaction	

Al	Temi integrates the best AI engines together to connect you to your favorite services. Its navigation system self-learns its surroundings and understands where temi is, what it is seeing and where it is going. Open to 3rd party apps SDK Available		
CONNECTIVITY	WIFI MIMO Wi-Fi 802.11b/g/n/ac BLUETOOTH Bluetooth 4.0 Wireless short distance connectivity with devices and accessories (coming soon)	794	
BUILT IN APPS	AI ASSISTANT VIDEO CALLS PERSONAL DJ PERSONAL PHOTOGRAPHER HOME HUB BE HOME NEWS DEVELOPERS PERSONAL CADDY ENTERTAINMENT	Al Assistant  Video calls  Personal DJ  Personal phot	Be home  Be home  Developers  Developers  Developers

DIMENSIONS	SIZE (ft.) 3.2H x 1.1W x 1.5D (cm.) 100H x 35W x 45D  WEIGHT: 26 lbs / 12 kg	3.7 ft./100 cm.
DISPLAY	10.1" HD LCD SCREEN Capacitive multi-touch for intuitive interface. (1920X1200) IPS LCD 16M colors Touch Capacity Display Pixel density: 224 (ppi) 340 cd/m2 max brightness (typical) Fingerprint-resistant coating.	10.1°
SCREEN TILT	Autonomous face tracking screen tilt Brushless DC motor with planetary gear for high accuracy and quiet operation Motion range – 15°~+55°	

MICS	MICROPHONE ARRAY 4 Omni-directional digital mics Real-time localization Beam forming Acoustic echo cancellation Environment noise reduction	0000
AUDIO	20W Audio High fidelity equalizer One sub-woofer Two midrange speakers Two tweeters Passive radiators Acoustically transparent fabric	According Programs  Maler Marine Mari
CAMERAS	13 MP HIGH RESOLUTION CAMERA Autofocus 1080p@30FPS FOV 60 Degrees 5-Element lens Hybrid IR filter WIDE CAMERA 13MP wide camera for remote navigation FOV 95 Degrees, 1080p@30FPS TOF DEPTH CAMERA 30 FPS Up to 5 meters 90° FOV	Depth camera  Wide cameras

CPU	CPU 1 ARM Quad core OPERATION SYSTEM Human interaction computer based on Android architecture with proprietary launcher and User Interface CPU 2 ARM Hexa core LINUX OS  Main navigation computer based on ARM architecture, enabling high performance with minimal power consumption	CPU 2
POWER	Up to 8 Hours of operation per charge Autonomous charging- 220V/110V High performance docking station Lithium-Ion cells	Bartery Docking station
MOBILITY	Two independent 50 W direct drive Brushless DC motors High resolution magnetic encoders that produce a smooth, accurate ride MANEUVERABILITY Zero turn radius SPEED Up to 1 meter per second Custom tires for optimal grip, stability and vibrations management	Direct drive motors

TRAY	WIRELESS CHARGING The tray contains a standard wireless charger for your mobile phone TRAY 30x25cm Holds up to 3Kg 1×0.8ft Holds up to 6.6Lb	Wireless charging tray
IN THE BOX	1 temi robot 1 Docking station+ Cable Quick setup guide	