

# Specifications

## Tablet Display Specifications

<b>Processor</b>	MediaTek® 1.3GHz quad-core processor, MT8161
<b>Operating System</b>	Android™ 6.0 Marshmallow
<b>Display</b>	10.1" (1920 x 1200), IPS, multi-touch screen supports 10-finger gesture
<b>Memory</b>	2GB
<b>Webcam</b>	<ul style="list-style-type: none"> <li>• Front: 5 MP, fixed focus</li> <li>• Rear: 8 MP, auto focus</li> </ul>
<b>Storage</b>	32GB eMMC flash memory onboard
<b>Storage extension</b>	up to 64GB microSD
<b>Dimensions (W x D x H)</b>	247 x 171 x 8.9 mm
<b>Weight</b>	509 g
<b>Battery</b>	7000 mAh
<b>Battery Life</b>	Up to 17 hours
<b>AC adaptor</b>	5.2V / 2.0A
<b>Sensors</b>	G-Sensor
<b>Audio support</b>	dual speakers / mic, Dolby Atmos® audio / combo audio/mic jack
<b>Wireless LAN</b>	WiFi 802.11 a/b/g/n/ac, with Bluetooth 4.0
<b>GPS</b>	Yes

<b>NFC</b>	Yes
<b>Ports</b>	micro USB 2.0 (for power charge and data synchronisation)
<b>Preload software</b>	SHAREit, SYNCit

## Power Supply Specifications

<b>Output Voltage</b>	18V
<b>Output Current</b>	3.9A
<b>Input</b>	100-240V ~1.5A 47-63Hz
<b>Operating Temperature</b>	0 ~ 70°C
<b>Insulation</b>	Class II

## Linear Actuator Specifications

<b>Speed at No Load</b>	230 mm/s
<b>Load Capacity</b>	200N
<b>Model</b>	LA-D
<b>Operating Temperature</b>	5°C - 40°C
<b>Input Voltage</b>	12/24V DC

## Ultrasonic Sensor Specifications

<b>Working Voltage</b>	5V DC
<b>Working Current</b>	15mA
<b>Working Frequency</b>	40Hz
<b>Maximum Range</b>	4m
<b>Minimum Range</b>	2cm
<b>Measuring Angle</b>	15°
<b>Trigger Input Signal</b>	10uS TTL Pulse
<b>Echo Output Signal</b>	Input TTL lever signal and the range in proportion.
<b>Dimensions</b>	45*20*15mm

## Speaker Specifications

<b>Model</b>	W1-1070SH
<b>Diaphragm MTL</b>	Reverse Alum.
<b>Surround MTL</b>	Santoprene
<b>Nominal Impedance</b>	8 $\Omega$
<b>DCR Impedance</b>	6 $\Omega$
<b>Sensitivity 1W/1m</b>	81dB
<b>Frequency Response</b>	170 - 20 K Hz