


UniOne

Product Specification		Remark
Product Model	UA100	
Appearance		
Main Features	10.1" Slim Rugged Tablet (5G)	
Physical Characteristics		Remark
Device Dimension Size	248.9 x 166 x 11.8 mm	
Device Weight	< 642g	
Color/Material	PC/GF (Dark Grey)+ Rubber (Black) Magnesium alloy internal frame	
LCD	10.1"IPS 1200 x 1920 FHD 500nits (typ)	
Touching Panel	10 Point Multi-touch, support glove and wet hands operation	
Camera	Front 8 MP , FF Rear 32 MP, AF with LED Flash	
Extension Ports	1*Type-C (Charging & Data USB3.1 OTG)	
	1 * Nano - SIM Card Slot	
	1 * Micro SD : 256 GB	
Dedicated Keys	7 pins pogo-pin for charging 5V2A 5Side-keys: 3 keys Power / Vol+ / Vol- Back-keys: 1 * FN (Keys Configurable)	
Software & Hardware		Remark
Hardware Platform (CPU)	Qualcomm SM4350 Pro Octa Core 2.2GHz (480+)	
Software Platform	Android12.0	
Memory (RAM)	6GB LPDDR4X	
Hard Disk (ROM)	128GB UFS2.2	
Sensor	L-sensor	
	G-sensor	
	Gyroscope	
	E-compass	
Speaker	10cm no less 95dB at 1kHz	
Mic	build-in *2 Support noise Reduction	
Barcode Reader(Optional)	Honeywell N6703	
Battery	Volume: Li-Ion 3.8V 9200mAh (34.96Wh) Internal battery	
	Work time : ≥ 8 hours	
	QC3.0 5V3A 9V2A Charging time : ≤5.5h	
Communication		Remark
GNSS	Beidou, Galileo, GLONASS, NavIC, GPS, QZSS (Qualcomm)	
WiFi	802.11 a/b/g/n/ac/ax-ready (2.4 & 5GHz) MIMO 2x2	
Bluetooth	BT 5.1 BLE (Enhanced Bluetooth performance)	
NFC	NFC 13.56MHz, work distance ≥ 3cm ISO/ 14443 A/B ISO/ 15693, NFC- IP1, NFC-IP2	
	M1 Card(S50, S70) , CPU Card, NFC Label	
	5G: FR1 N1/3/20/28/41/77/78/79	
	FDD: B1/2/3/4/5/7/8/12/13/17/20/25/28	
	TDD: B38/39/40/41	
	3G: B1/B2/B5/B8	

Network (5G/4G/3G)	<p>ENDC: FCC: 2A_n41A, 5A_n41A, 12A_n41A, 12A_n77A, 25A_n77A, 41 A_n77A 2A_n78A, 5A_n78A, 7A_n78A, 41A_n78A CE:3A_n1A, 8A_n1A, 40A_n1A, 1A_n3A, 8A_n3A, 20A_n3A, 1A_n28A, 3A_n28A,7A_n28A, 1A_n41A, 3A_n41A, 40A_n1A, 1A_n77A,3A_n77A, 8A_n77A, 1A_n78A, 28A_n78A, 40A_n78A</p>	
Reliability Figures		Remark
Working Temperature	-10°C~+55°C	
Storage Temperature	-40°C~+70°C	
Humidity	0-95% RH, non-condensing	
ESD	Contact 8KV, Air 10KV	
Water proof	IP65	
Drop	1.2m to marble	
Certification		Remark
Regulation Certification	FCC	
	CE (RED)	
	ROHS	
	WEEE	
	REACH	
Reliability Test	IEC IP65 MIL- STD- 810H Test Method 516.8 Shock 1.22m	
Battery Certification	UN38.3 MSDS	
Transportation Certification	Air transport certification	
	Sea transport certification	
Scan code software interface definition		
Serial number	Definition	Description
1	SCAN_SENSOR_3V3	Inductive SENSOR voltage supply
2	SCAN_ILLUM_3V3	Fill light power supply
3	MIPI_CSI2_LANE0+	MIPI LANE port
4	MIPI_CSI2_LANE0-	MIPI LANE port
5	MIPI_CSI2_LANE1+	MIPI LANE port
6	MIPI_CSI2_LANE1-	MIPI LANE port
7	MIPI_CSI2_CLK+	MIPI CLK port
8	MIPI_CSI2_CLK-	MIPI CLK port
9	SCAN_I2C_SDA_3V3	Control port IIC
10	SCAN_I2C_SCL_3V3	Control port IIC
11	SCAN_AIM_ON_3V3	external aiming control enable
12	SCAN_ILL_ON_3V3	external lighting control enable
13	SCAN_RST_3V3	Reset
Pogo Pin information		
<p>TOP</p> <p>GND</p> <p>VBUS 5V/2A</p>		