







UniOne

Product Specification

Product Model	UW58	
Appearance		
Main Features	Fully rugged 10.1 inch tablet	
Physical Characteristics		
Size	268.5 mm (L) × 191 mm (W) × 22.35 (29) mm (H)	
Weight	1.2 kg	
Color/Material	PC (Dark Grey)+ Rubber (Black)	
LCD	10.1"IPS 1920*1200 FHD 800nits (typ)	
TP	10 points, capacitive multi-touch screen User selectable touch mode for Finger/Water, Glove, or Stylus programmable function	
Camera	8.0 MP auto-focus rear camera with flash	
	Integrated 2.0 MP front-facing camera	
Extension Ports	2* USB 3.2 Gen 2 (type A)	TPU cover 1
	1* HDMI Type-A (HDMI2.0)	TPU cover 2
	1*Micro SD slot: support SDHC SDXC up to 1 TB	
	1*USB3.2 (full function) Type-C	
	1* Type-C (charging)	TPU cover 3
	1*DC Jack	
	1*Nano SIM card slot (optional)	
	1* Docking connector (35-pin Pogo)	
1* 10/100Ethernet (RJ45) 1* USB2.0 (type A)		
Dedicated Keys	Side Keys x 1	Power
	Front Keys x 6	P1 (Turn on the rear camera fill light) P2 (Default Volume -) P3 (Default Volume +) P4 (Default brightness -) P5 (Default brightness +) Windows (Minimize all Windows and restore all Windows by pressing again)
Software & Hardware		
Hardware Platform (CPU)	Intel® Core™ i5-1235U (12th Gen) Processor (12MB Cache, up to 4.4 GHz, 2P+8E cores)	
Software Platform	Windows® 11 IOT Enterprise 64-bit	
License	Not Included	
Memory (RAM)	16GB LPDDR5	
Hard Disk (ROM)	256GB PCIE	
Sensor	Light Sensor	
	G-sensor	
Speaker	Integrated speaker × 1 10cm no less 95dB at 1kHz	
Mic	Integrated microphone	
Indicator LED	4 LED (Power, Hard Disk, Front CAM, Battery Red and green two-color lights)	
Battery	Volume:11.01V 6000mAh (66.06wh)	
	Built-in Hot-swap Battery (Optional) : 880mAh/7.4V, support 10 minutes work	
	Work time : ≥ 10 hours (JETA 2.0)	
	AC adapter : 100-240V, 50Hz-60Hz, 65W	
	Charging time <4 hours	

Communication		
GNSS	GNSS Module (uBlox NEO-M9N) Support GPS, GLONASS, Galileo, BDS	
WiFi	Intel® Wi-Fi 6E AX210 802.11 a/b/g/n/ac/ax (2.4 & 5GHz 6GHz)	
Bluetooth	Bluetooth® V5.2	
Network (Optional)	EM05-G: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/12/B13/B14/B18/B19/B20/B25/B26/B28/B66/B71 LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B6/B8/B19	
Security	TPM 2.0	
	Kensington lock	
Reliability		
Working Temperature	- 20°C ~ 60°C	
Storage Temperature	- 40°C~+70°C	
Humidity	0-95% RH, non-condensing	
ESD	Contact 8KV, Air 12KV(Criteria B)	
Water proof	IP66	
Drop	1.2m to marble	
Certification		
Regional Certification	CE	
	RoHS	
	REACH	
	WEEE	
Optional Accessories for UW58		
Accessories	Carry Handle	
	Office Dock	
	RS232	
	RJ45	
Docking POGO PIN		
1	VSYS(19V Power)	
2	VSYS(19V Power)	
3	GND	
4	VSYS(19V Power)	
5	GND	
6	GND	
7	VSYS(19V Power)	
8	DDI0_TX0_DN(DDI signal with CAP)	
9	USBPWR_ON(5V Signal)	
10	DDI0_TX0_DP(DDI signal with CAP)	
11	USB2_DN_CN	
12	GND	
13	USB2_DP_CN	
14	DDI0_TX1_DN(DDI signal with CAP)	
15	GND	
16	DDI0_TX1_DP(DDI signal with CAP)	
17	USB3_TXP_CN	
18	GND	
19	USB3_TXN_CN	
20	DDI0_TX2_DN(DDI signal with CAP)	
21	GND	
22	DDI0_TX2_DP(DDI signal with CAP)	
23	USB3_RXP_CN	
24	GND	
25	USB3_RXN_CN	
26	DDI0_TX3_DN(DDI signal with CAP)	
27	MB_ADPIN_N	
28	DDI0_TX3_DP(DDI signal with CAP)	
29	MB_BATCHG_N	

30	GND
31	KB_DET_N
32	DDIO_SCL_CN
33	DDIO_HDMI_HPD_CN
34	DDIO_SDA_CN
35	V3S_ON(3.3V Signal)