

RTP-1000

10.1" IP67 Extreme Rugged Tablet



Features

- 10.1" IPS LCD with 1920 x 1200 resolution
- Sunlight readable, 800 nits brightness
- IP67 certified, MIL-STD-810H vibration and shock resistance
- Wide operating temperature : -20°C to 60°C
- Supports 10-point Multi-Touch



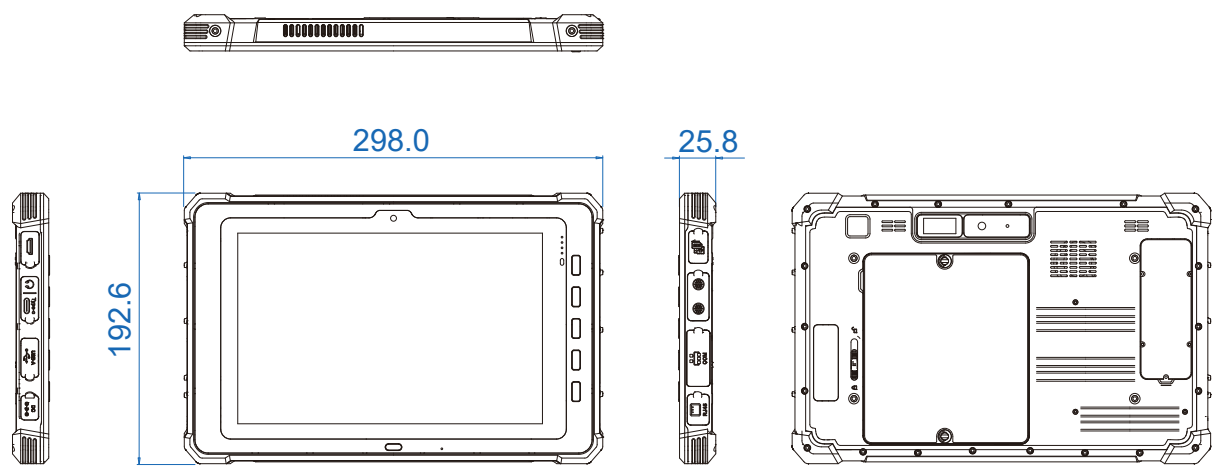
Specifications

System	
Processor	10-core 13th Gen Intel® Core™ i7-1355U Processor (Raptor Lake-U)
BIOS	AMI
Memory	1 16GB LPDDR5 DRAM (32GB/64GB by request)
Storage	1 M.2 Key M 2280, 256GB (512GB/1TB by request)
OS	Windows 11 IoT
Display	
LCD	10.1" (16:10)
Resolution	1920 x 1200
Brightness	800 nits
Viewing Angle	Horizontal : 175°, Vertical : 175° (Typical)
Touch Type	Capacitive touch panel, 10 point touch
I/O Interface	
USB	▪ 1 USB 3.0 Gen 2 type A ▪ 1 USB 3.0 Gen 2 type C with PD function (57W)
LAN	1 GigE LAN by RTL8111H
COM	1 DB9 RS-232
Display	1 Mini HDMI, HDMI2.1 (48 Gbps)
Audio	1 3.5 mm Line-Out Jack
Physical Key	▪ 1 Power BTN ▪ 1 Volume + BTN ▪ 1 Volume - BTN ▪ 1 Windows BTN ▪ 1 Light Bulb BTN (configurable) ▪ 1 Gear BTN (configurable)
LED	▪ 1 Power LED ▪ 1 HDD LED ▪ 1 Battery level LED
Expansion	
M.2	▪ 1 M.2 Key M Socket (2280, PCIe4) ▪ 1 M.2 Key B Socket (3042/3052, USB3.0/USB2.0) with Micro SIM
Docking	Docking Connector (2x USB 2.0 Type A, RS232, RJ45, charge 19V@3A)
Wireless	
Wifi	Intel® Wi-Fi 6 AX201, 802.11(a/b/g/n/ac)
Bluetooth	Bluetooth® 5.2
Other	4G/5G via M.2 (by Request)

Sensor	
Camera	▪ 1 Front side Camera (5MP Fixed focal length) ▪ 1 Rear side Camera (8MP Auto focus)
NFC	ICM550UEM
Sensor	MXC6655XA
Power	
Power Input	19V DC-IN
Power Interface	DC-IN Jack
Battery	10000 mAh, 7.6V, 10-hour
Others	
TPM	Intel's Trusted Platform Module (Intel® PTT)
HW Monitor	Monitoring temperature, voltages. Auto throttling control when CPU overheats.
Mechanical	
Dimensions	298 x 192.6 x 25.8mm
Weight	1,450g (with battery)
Environment	
Operating Temp.	-20°C to 60°C (-4°F to 140°F)
Storage Temp.	-30°C to 70°C (-22°F to 158°F)
Humidity	5% to 90% Humidity, non-condensing
Relative humidity	90% @60°C
High Temperature	MIL-STD-810H Method 501.7, Procedure II
Low Temperature	MIL-STD-810H Method 502.7, Procedure II
Vibration	MIL-STD-810H : 2019, Method 514.8, Procedure I, Category 4
Shock	MIL-STD-810H : 2019, Method 516.8, Procedure I
IP Rating	IP 67
EMC	CE, FCC
Packing List	
1 RTP-1000 (Tablet PC) 1 Docking base 1 Type-C cable 1 OTG cable 1 Battery 1 Power Adaptor	

Dimensions

Unit : mm/ inch



Order Information

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