FEATURES

- 10" IPS LCD Screen (1920 x 1200 Resolution)
- Intel Kaby Lake i5/i7
- Windows 10 Pro or Linux (Custom Projects) OS
- IP-65 (IP-67 Option) Water & Dust Protection
- 4ft Drop/Shock Protection (MIL-STD-810G)
- Long Life Battery – up to 12 Hours Runtime
- 10-Point Capacitive Touchscreen
- Integrated GPS and 4G LTE Connectivity

With cutting-edge performance powered by the Intel Kaby Lake Processor, the UR-100 is a powerful and versatile tablet that's ready to go through any operation in all conditions while providing high-tech solutions that increase productivity, improve safety, and decrease operational costs.

SPECIFICATIONS

RUGGEDNESS

Waterproof	IP-65
	Options:
	IP-67
Drop Rating	MIL-STD-810G, 4ft to Concrete
Shock Rating	MIL-STD-810G, Method 516.6, Procedure I, 40g 11ms
Vibration Rating	MIL-STD-810G, Method 514.6, Procedure I, Category 4
ESD Protection	6KV Touch, 8KV Air
EMC Test	MIL-STD-461F CE101, CE102, CS101, CS114, CS115, CS116, RE101, RE102, RS101, RS103
Altitude Rating	MIL-STD-810G, 50,000 FT/15240M

SYSTEM

Processor	Intel Kaby Lake i5-7300U, Base 2.60GHz, Burst 3.50GHz
	Options (MOQ Required):
	Intel Apollo Lake N4200 Quad-core, Base 1.1GHz, Burst 2.5GHz, GPU: Intel HD 505 GPU, 32MB Video RAM
	Intel Kaby Lake Core-i3 7100U, Base 2.4GHz
	Intel Kaby Lake i7-7600U, Base 2.8 GHz, Burst 3.9 GHz
GPU	Intel HD Graphics 620 Base 300MHz, Burst 1.1 GHz Max Video Memory 32GB
Memory	8GB DDR4-2667
	Options (MOQ Required):
	16GB DDR4-1866
OS	Windows 10 Pro/LTSC 64bit
	Options:
	Linux (Custom Projects)
Storage	256GB MSATA MLC SSD M.2
	Options:
	512GB MSATA MLC SSD M.2
	1TB MSATA MLC SSD M.2
Security	Intel AES New Instructions
	vPro
	Options:
	TPM 2.0

DISPLAY

Screen Size	10.1" IPS
Resolution	1920 x 1200 (16:10) WUXGA
Brightness	800 NIT, Sunlight Readable
View Angle	+/- 85°
Contrast Ratio	800:1
Touch Screen	Capacitive 10-Point Multi-Touch
	Corning Gorilla Hardened Cover Glass
	Auto-sensing, Configurable to Wet and Gloved Touch
	Options:
	Ultra-LCD Protection
	User Replaceable Anti-Glare Film

COMMUNICATIONS

Wi-Fi	Intel 9260 Wi-Fi Chipset, 802.11 a/b/g/n/ac Dual-Band 2.4G & 5G
Bluetooth	Bluetooth v5.0
4G LTE	Sierra EM7455
	LTE-TDD: B41
	LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B29, B30
	HSPA+/UMTS: B1, B2, B3, B4, B5, B8
GPS	uBlox NEO-M8N, GPS L1C/A, SBAS L1C/A, QZSS L1C/A, QZSS L1
	SAIF, GLONASS L1OF, BeiDou B1I, Galileo E1B/C
	Navigation Update Rate Up to 10 Hz, Cold Start No More than 60s
NFC (Option)	SM-MSN10-C02, Compliant with ISO/IEC 14443 A/B, 15693/18092, Distance 2.5mm

I/O INTERFACE

Sensors	Gyroscope
	Light Sensor
	Compass
Audio	1x Built-In Microphone
	1x Internal 8ohm 1W speaker
Camera	Front Camera: 2MP
	Rear Camera: 8MP with Auto Focus, LED Flash
Ports	1x USB 3.0 @ 250mA Type C
	1x USB 3.0 @ 250mA Type A
	1x Micro HDMI Output Type D
	1x Audio Jack (3.5mm, 4 Pole, MIC input)
	1x DC Jack 5.5mm OD Jack
	1x Docking Connector (35 pin, 19V DC, 2x USB 2.0, 1x VGA output)
	1x Micro SD Slot (Maximum 256GB)
	1x Nano SIM Slot
Buttons	Power Button
	Windows Button
	2x Programmable Buttons

EXPANSION 1/0

Expansion Modules (Option)	2x USB 2.0
	RS232
	Barcode Reader - Newland NLS-EM3296, Built-In 1D/2D
	RJ45 Port: 10/100M

MECHANICAL

Chassis	Double Injection Molding with Mg-Al chassis, Rubber Protection
Dimensions	270 x 190 x 19.5mm
Weight	1.15kg

POWER

AC Adapter	19V DC 3.43A Output, 100-240V AC Input, Standard US Plug
Battery	2x Hot-Swappable Battery with Voltage Meter
	61.5Wh (7.6V 4050mAh, 30.8Wh x2)
	8 Hour Play 1080P Running Time, 12 Hours Standard Operation
	Options:
	18650 Type, Military Grade Battery
	66.5Wh (33.3Wh each), Works in Extreme Cold Weather

ENVIRONMENTAL

Operating Temp	-20°C to 55°C
Storage Temp	-30°C to 70°C
Humidity	10% to 90%
RoHS	Compliant

REGULATORY

Certification	FCC, CE, ICID, RCM, REACH, WEE, IEC461F

*Specifications are representative. Specific product technology may be different than indicated.

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10.1' LCD | Front Camera | Light Senser | Power Status | Power Button | GPS Antenna Connector | Cooling Hole | Rear Camera & Light LED | Extension

HDD
Battery A
Battery B
Home Button
F1 Button
F2 Button
HDMI
USB3.0
USB3.0
Audio Jack
SIM Card
SD Card
DC

Fan
Stylus Holder

Battery A
Battery B

Speaker

35 Pin Docking Connector

ODM OPTIONS

RUGGEDNESS

Waterproof	IP-67

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Memory (MOQ Required)	16GB DDR4-1866
OS	Linux (Custon Projects)
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	1TB MSATA MLC SSD M.2
Security	TPM 2.0

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	RJ45 Port: 10/100M

POWER

Battery	18650 Type, Military Grade Battery
	66.5Wh (33.3Wh each), Works in Extreme Cold Weather

ACCESSORIES

273.4
270.0
217.4
22.0
19.6
136.2
236.0
161.5
161.0 191.0 194.4
236.1
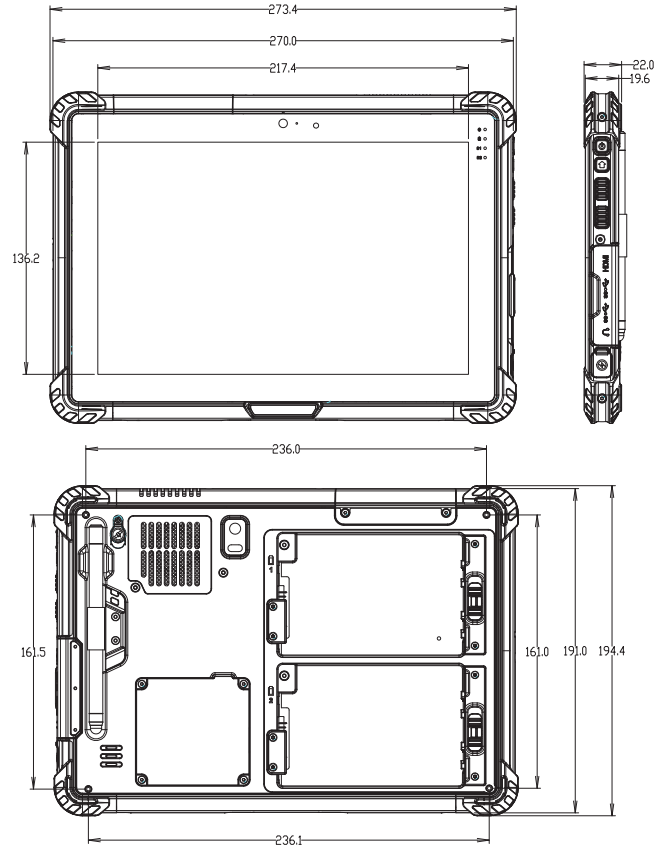
Hand Strap | Docking Station | Shoulder Strap | Vehicle Mount | VESA Mount