



FEATURES

- 11.6" IPS LCD Screen (1920 x 1080 Resolution)
- 11th Gen Intel Tiger Lake i5 Or i7 Processor
- Windows 11 Pro
- IP67 Water & Dust Protection
- 5ft Drop/Shock Protection (MIL-STD-810H)
- Hot-Swappable Batteries
- Optional 5G & 4G LTE Connectivity
- Optional Anti-Microbial Chassis

With cutting-edge performance powered by the Intel Tiger Lake Processor, the UR-120 is a powerful and versatile tablet that's ready to go through any operation in any and all conditions while providing high-tech solutions that increase productivity, improve safety, and decrease operational costs.

SPECIFICATIONS

RUGGEDNESS

Waterproof	IP67, IEC60529-2013
Drop Rating	MIL-STD-810H-2014, Method 516.6, Procedure IV, 5ft to Marble
Shock Rating	MIL-STD-810G, Method 516.6, Procedure I, 40G 11ms
Vibration Rating	MIL-STD-810G-2014, Method 514.6, Procedure I
ESD Protection	8KV Touch, 15KV Air

SYSTEM

Processor	Intel 11th Gen Tiger Lake i5-1145GRE, Base 1.5GHz, Burst 4.1GHz, 8M Smart Cache Option: Intel 11th Gen Tiger Lake i7-1185G7E, Base 1.8GHz, Burst 4.4GHz, 12M Smart Cache
GPU	Intel Iris Xe Graphics, Max Frequency to 1.35GHz
Memory	8GB LPDDR4X Options: 16GB LPDDR4X
OS	Windows 11 Pro, 64bit Options: Windows 10 Pro/LTSC 64bit Linux (Custom Projects)
Storage	256GB Gen 4 PCIe SSD Options: 512GB Gen 4 PCIe SSD 1TB Gen 4 PCIe SSD
Security	Intel AES New Instructions TPM 2.0 Intel vPro

DISPLAY

Screen Size	11.6" IPS
Resolution	1920 x 1080 (16:9)
Brightness	400 NIT Options: 1000 NIT Sunlight Readable
View Angle	+/- 85°
Contrast Ratio	1000:1
Touch Screen	Capacitive 10-Point Multi-Touch Hardened Chemical Glass Ultra Optical Bonding User Replaceable Anti-Glare Film Auto-Sensing, Configurable To Wet & Gloved Touch

COMMUNICATIONS

Ethernet	1x 10/100/1000M
Wi-Fi	Intel AX210 Wi-Fi Chipset, Wi-Fi 6, 802.11 a/b/g/n/ac/ax 2.4G & 5G
Bluetooth	Bluetooth v5.2
4G LTE (Option)	M.2 Interface, Sierra EM7455 4G: Cat-6, Frequency Bands: B1-B5,B7,B8,B12,B13,B20,B25, B26, B29, B30, B41 3G: HSPA+, UMTS, Frequency Bands: B1, B2, B3, B4, B5, B8 CE, FCC, GCF, IC, NCC, PTCRB Verizon, T-Mobile, AT&T Certified
5G (Option)	TBD (Oct 2021)
GPS	UBlox NEO-M10, GPS L1C/A, SBAS L1C/A, QZSS L1C/A, GLONASS L1OF, BeiDou B1, Galileo E1B/C -167 dBm Navigation Sensitivity Cold Start No More than 40s

I/O INTERFACE

Sensors	Gyroscope Ambient Light Sensor G-Sensor Compass
Audio	1x Built-In Microphone 2x 4 Ohm 1.5W speaker
Camera	Front Camera: 2MP Rear Camera: 5MP With LED Flash Options: Front Camera: 5MP
Ports	1x USB 3.0 @ 1000mA Type C 1x USB 3.0 @ 1500mA Type A 1x USB 2.0 @ 1000mA Type A 1x Docking Connector (24 pin, 19V DC, 1x USB 3.0) 1x Nano SIM Slot 1x Audio Jack (3.5mm, 4 Pole, MIC input) 1x DC Jack 1x Internal Pogo Pin Connector (USB 3.0)
Buttons	Power Button Volume +, Volume - Windows Button 2x Programmable Buttons
Barcode Reader (Option)	Newland NLS-EM3596, Built-In 1D/2D Barcode Reader
Stylus (Option)	Digitizer Stylus

MECHANICAL

Chassis	Front: Mg, Back: Plastic, Feet: Double-Injection Molding Options: Anti-Microbial Glass/Chassis
Dimensions	318.8 x 206.8 x 20.5mm
Weight	1.3kg
LED	Power
Battery	SSD

POWER

AC Adapter	19V DC 3.42A Output, 110-240V AC Input, Standard US Plug Options: Multi-National AC Plugs Medical AC Adapter
Battery	2x Hot-Swappable Battery 7.7V 3896mAh, 30Wh Each Battery Battery Charging Time: 5 hours

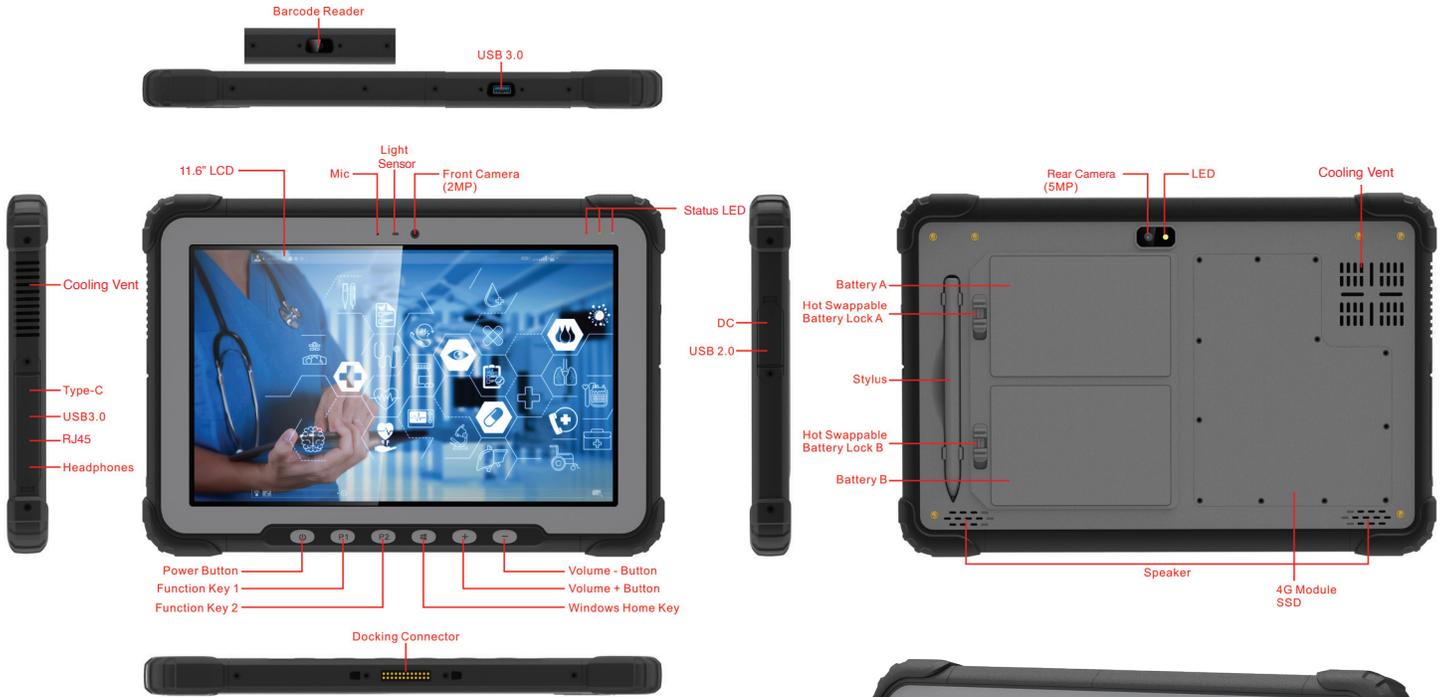
ENVIRONMENTAL

Operating Temp	-10°C to 55°C
Storage Temp	-20°C to 60°C
Humidity	1% to 95% Non-Condensing, -30° To 60°C, 5 Cycles Of 48 Hours
Thermal Shock	-30° to 70°C Within 5 Minutes, No Operating
RoHS	Compliant

REGULATORY

Certification	FCC, CE, IEC 60601-1
Battery	CE, UL, MSDS, CB, IEEC, UN3.8, IATA

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



ODM OPTIONS

SYSTEM

Processor	Intel 11th Gen Tiger Lake i7-1185G7E, Base 1.8GHz, Burst 4.4GHz, 12M Smart Cache
Memory	16GB LPDDR4X
OS	Windows 10 Pro/LTSC 64bit Linux (Custom Projects)
Storage	512GB Gen 4 PCIe SSD 1TB Gen 4 PCIe SSD

DISPLAY

Brightness	1000 NIT Sunlight Readable
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COMMUNICATIONS

4G LTE	M.2 Interface, Sierra EM7455
4G:	Cat-6, Frequency Bands: B1-B5,B7,B8,B12,B13,B20,B25, B26, B29, B30, B41
3G:	HSPA+, UMTS, Frequency Bands: B1, B2, B3, B4, B5, B8 CE, FCC, GCF, IC, NCC, PTCRB Verizon, T-Mobile, AT&T Certified
5G	TBD (Oct 2021)

I/O INTERFACE

Camera	Front Camera: 5MP
Port	USB 3.0 Type A
Barcode Reader	Newland NLS-EM3596, Built-In 1D/2D Barcode Reader
Stylus	Digitizer Stylus

MECHANICAL

Chassis	Anti-Microbial Glass/Chassis
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POWER

AC Adapter	Multi-National AC Plugs Medical AC Adapter
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ACCESSORIES



Hand Strap

Docking Station

Shoulder Strap