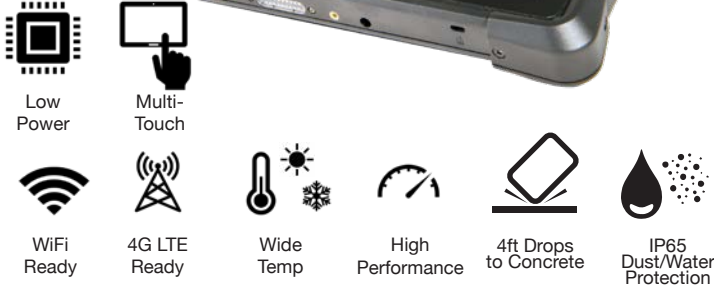


RUGGED TABLET COMPUTER RTC-120 SERIES



Rugged Tablet Computer with 7th Generation Kaby Lake Intel® i5-7200U 3.10GHz Quad Core Processor, 12.2" 800NIT PCAP Touch Screen, WiFi, Bluetooth® Ethernet, Micro HDMI, USB, 8MP Camera, 4G LTE Ready



SYSTEM SPECIFICATIONS

Casing	IP65 rated, 1 meter 200 cycle tumble test, MIL-STD-810G, 4ft drop to concrete 26 times all sides
LCD Panel	12.2" WUXGA 1920 x 1200 IPS 800 nits (Sunlight readable)
Touch Screen	Projective Capacitive, 10-point multi-touch, supports glove mode and wet-touch mode
Processor	Intel® i5-7200U 3.10GHz
Processor Generation	Kaby Lake™
Processor Cores	4
Memory	8GB DDR4 SO-DIMM (standard), max support 16GB
Storage	128GB (standard) or 512GB, 1TB M.2
Chipset	SoC integrated
Graphics	Intel® HD Graphics 620
Audio	1 • Microphone, 2 • 85dB integrated speakers
GPS	Ublox M8® with internal active patch antenna
Camera	1 • rear facing 8MP auto focus with flash 1 • front facing 2MP auto focus
WiFi	Intel® 802.11ac/a/b/g/n WiFi, Bluetooth® 5.1
4G Ready	Sierra Wireless 4G LTE - Verizon® or AT&T® M.2 Module (optional)
Sensors	9 axis MEMS sensor (Accelerometer, eCompass, Gyroscope) Ambient Light Sensor
BIOS	AMI UEFI
Expansion Interface	1 • 1D/2D Integrated barcode scanner (optional) 1 • NFC Reader (optional) 1 • FIPS complaint finger print reader (optional)
Buttons	1 • Power, 1 • Vol+, Vol-, 3 • Programmable Key
Security	1 • Intel® TPM 2.0
System Indicator	1 • green LED for system power-on 1 • green LED for SSD active 1 • green battery

MECHANICAL SPECIFICATIONS

Color	Black
Construction	IP65 rated, impact-resistant double injected, ABS+PC polymer with rubber, multiple 4ft drops to concrete
Dimensions (W x H x D)	317.5mm x 214mm x 27.3mm (12.5" x 8.42" x 1.07")
Weight	1800g (3.96 lbs.)

FEATURES

- IP65-rated enclosure: MIL-STD-810G
- 12.2" 800 NIT, PCAP Touch, Supports Glove Mode and Wet-Touch Mode
- Intel® i5-7200U 3.10GHz Quad Core Processor
- 8GB DDR4 RAM, max. up to 16GB
- 4G LTE Ready - Verizon® or AT&T®
- Wifi Intel® ac/a/b/g/n, Bluetooth®5.1
- 8MP rear camera with flash, 2MP front camera
- Hot swappable 7.6V, 6200 mAh Li-Polymer Battery Pack
- 8 Hours of Battery Operation
- TPM 2.0 Module
- Multi-Module and Accessory Support: Barcode Scanner, 4G LTE Module, Vehicle Cradle, Desktop Cradle, 4-Bay Battery Charger
- Wide range operating temperature supported



POWER SUPPLY

Power	Hot-swappable 7.67V 6200mAh li-polymer battery pack, with 4 LED status indicator (8 hrs. of usage @ full brightness) *WiFi and Bluetooth® enabled Field replaceable bridge battery
Power Adapter	110 ~ 240 AC to 19.5VDC 120W, multi-country line cords available

REGULATORY SPECIFICATIONS

Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
EMI/EMC	FCC class B, CE standards applied
Dust & Water Protection	IP65 rated
Vibration	5~500Hz 0.5G PTP 30 mins.
Shock	operating: 40G (3ms), non-operating: 210G (3ms)
Impact	4ft drops to concrete

SYSTEM I/O

Right Side	1 • Power port 1 • Reset button 1 • 3.5mm audio jack 1 • USB 3.0 port 1 • GbE LAN port 1 • Micro HDMI
Bottom Side	1 • Docking port
Back Side	1 • SIM slot (4G LTE) 1 • Micro SDXC card reader

RUGGED TABLET COMPUTER

RTC-120 SERIES



ORDERING INFORMATION

Base

RTC-120 Rugged Tablet, 12.2" 1920 x 1200, WUXGA 800NIT LCD, Intel Quad Core 2.4GHz i5-7200U Processor, 8GB RAM, 802.11ac/a/b/g/n, Bluetooth 5.1, Indoor/Outdoor Touch Screen, 1- USB 3.0 Port, 1- USB 2.0 Port, 1- RJ45 10/100 Ethernet Port, 1- Micro HDMI Port, 1- Micro SDXC Card Slot, 1- SIM Card Slot, 8MP CMOS Camera W/Flash (Back), 2MP Camera (Front), Ublox 7 GPS, TPM2.0, 9 Axis MEMS sensors: (Accelerometer, eCompass, Gyroscope), Dual Speakers, 3.5mm Audio Jack, Integrated Microphone, External Battery Pack (Hot-swappable), Screen Protector. (Does not include AC Wall Adapter)

RTC-120A-

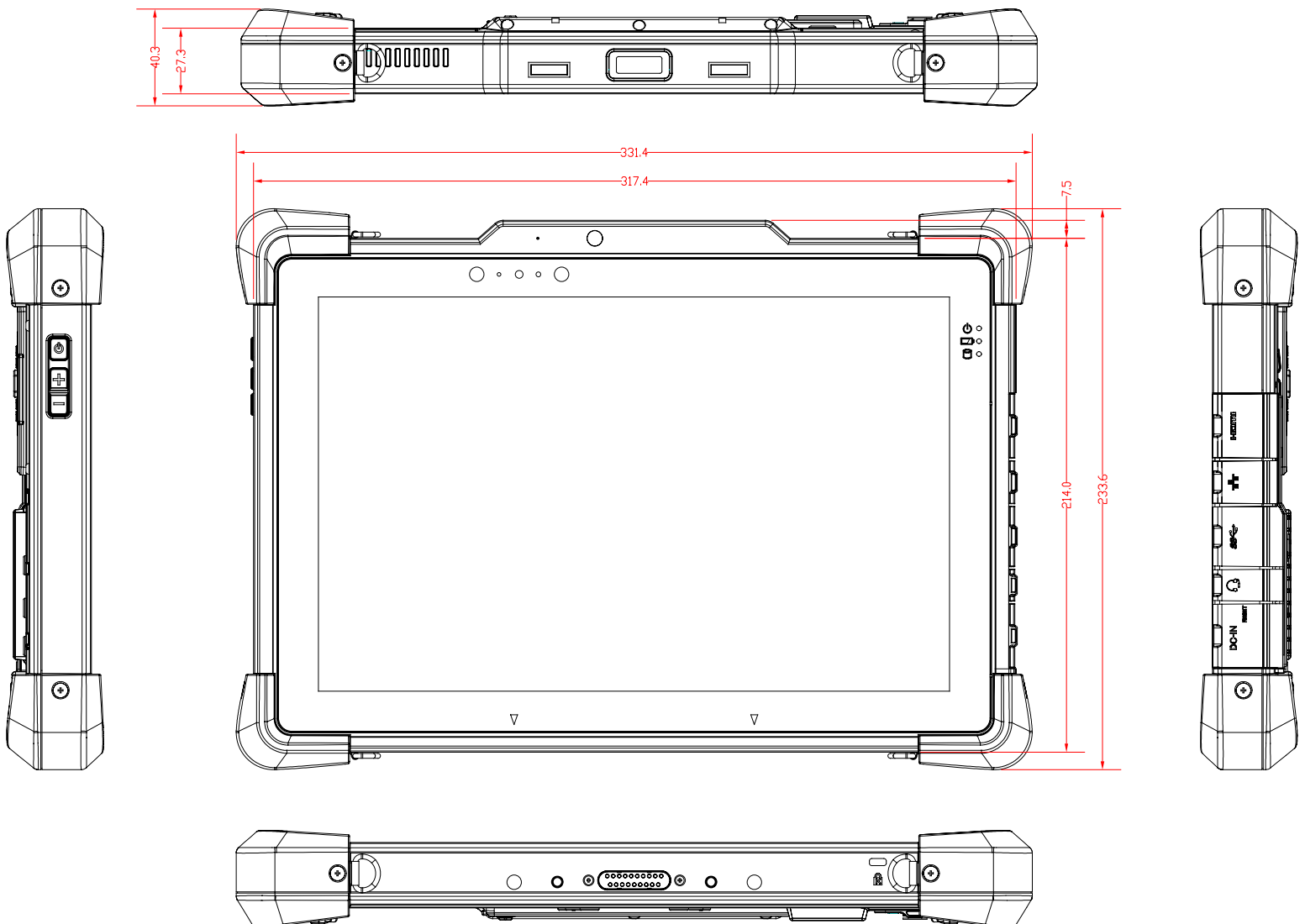
CONFIGURABLE & ACCESSORIES

4G LTE module	Sierra Wireless LTE - Verizon® or AT&T® 4G M.2 Module
Barcode Scanner	1D/2D Integrated barcode scanner
Operating System	Windows® 10 IoT Enterprise 2016 LTSC Value (i3/i5), Windows® 10 IoT Enterprise 2019 LTSC Value (i3/i5), Windows® 10 Professional 64bit, Ubuntu® Desktop 16.04 LTS 64bit
RTC-120-DTC	Desktop Cradle Includes: 4-USB 3.0 Ports, 1-10/100 Ethernet Port, 2-RS232 Ports, 1-VGA Port, 1-Display Port, 1-HDMI Port, 1-Speak & Mic, 1-Power. (Requires AC Wall Adapter with country-specific power cord)
RTC-120-4BAY	4-Bay Battery Charger, (Requires AC Wall Adapter with country-specific power cord)
RTC-120-VMC	Vehicle Cradle Includes: 4-USB 3.0 Ports, 1-10/100 Ethernet Port, 2-RS232 Ports, 1-Speak & Mic, 1-Power Port
AC wall adapter	3731030251
Battery Pack	9701012080
Hand-Strap "X"	9702013010

WARRANTY

Standard Warranty	2 Year Warranty
Extended Warranty	TotalCare Protection 3 or 5 Year Extended
Expected Life Cycle	7 Years

DIMENSIONS



Measurements shown in mm. All dimensions are ± 0.5mm