Cappuccino Intel® Apollo Lake Pentium N4200E

Feature

- 11.6" Windows® Tablet w/ 2K Resolution
- Extra Light (<900g w/ entry SKU)
- IP65
- MIL-STD-810G on 1.2m Drop Proof, S&V, High/Low Temperature
- Hot-Swappable Battery
- 4.2 hrs Battery Life w/ 19.53Whr Battery
- Honeywell Software Decode Scanner 1D/2D (Optional)
- WiFi ac/a/b/g/n, GPS & LTE(Support by Request)
- NFC Module
- HW TPM2.0 FIPS 140-2 Level 2 Compliance
- Accessory for Cable Cover w/ Docking Station
- Adjustable View-angle Docking Station
- Accessory for I/O Connectivity
- Accessory for Vehicle Mounting VESA 75mm













Accessory Feature



















HDMI

Cappuccino Docking Station(with additional Cable Cover)

Cappuccino Extension Cover (w/ VESA 75mm mounting)

Ordering Information

Model Number	OS	CPU	LCD Brightness	RAM	Storage	WiFi/BT	GPS	TPM	Main Battery	Operating Temperature	Power Supply	NFC
Tablet Standard Config	Win10 loT 2019	Intel N4200E	300nits	4GB	64GB SSD	ac/a/b/g/n BT4.2	Ublox IC	HW TPM 2.0	19.53Whr	-10°C ~ 50°C	19V/65W Adapter +Power Cord	NFC Reader (NXP NPC300)

Model Number	OS	LCD Brightness	RAM	Storage	LTE	MainBattery (Spare Hardpack Battery)	Barcode Scanner
Tablet Optional Config	Linux CentOS 7	500nits	8GB	256GB SSD	CAT6 (Sierra Module)	19.53Whr	* Software Decode (Honeywell SwiftDecode)

Note: Including additional 24V/180W

Docking Station

Cable Cover

VESA 75mm

Mounting

Note: Optional Config Support by Request
* SDK Solution only. (SDK + Integration Guide). Further integration with customer's proprietary application would be mandatory.



Cappuccino Fully-Rugged Tablet

DISPLAY	
Size	11.6" TFT-LCD
Max. Resolution	1920 x 1080
Luminance (cd/m2)	300nits (Option: 500nits)
Glass Type	Gorilla® Glass 3 and Direct Bonding
TOUCH SCREEN	
Type	P-CAP
Touch	10 point capacitive multi-touchscreen supporting glove mode and rain mode
TABLET	
Operating System	Windows® 10 IoT Enterprise 2019 LTSB (Option: Linux CentOS7)
Processor	Intel® Apollo Lake Pentium N4200E (Quad-Cores) 1.1GHz with turbo frequency to 2.5GHz, 2MB L2 Cache (4 Threat
Chipset	Intel® SoC Integrated
System RAM	LPDDR4 3733MHz 4GB (Option: 8GB)
System ROM	M.2 SSD 64GB (Option: 256GB)
Wireless	IEEE 802.11 ac/a/b/g/n (2.4GHz/5GHz)
Bluetooth	BT V4.2
LTE/GPS	GPS (UBX-G8020-KT) Option: LTE CAT6 w/ M.2 Slot Comp. w/ regular M.2 card (Support by Request)
NFC	NFC Reader (NXP NPC300)
Barcode Scanner	Option: SW Decode: Honeywell SwiftDecoder (1D/2D Support)*SDK Solution only. (SDK + Integration Guid Further integration with customer's proprietary application would be mandatory.
Rear Camera	8MP Auto-Focus CMOS built-in module with Flash LED
Switch Key	1 x Dump Switch ; 1 x Reset Switch
Sensor	Ambient Light Sensor, Gyro Sensor & G-sensor
Speaker	2 x 0.8W
Microphone	Yes
LED Indicator Main Battery	Charging LED, Power LED
Hot-Swappable Battery	4.2 hr, 19.53Whr Removable lithium battery with latch lock (2570mAh, 7.6V)
пот-эмарраріе ванету	Yes, 2.66Whr back-up battery (700mAh*1, 3.8V, 1\$1P)
	1 x USB 3.0 Type-A
I/O Port	1 x Nano-SIM w/ LTE only (Support by Request)
,, , , , , , , , , , , , , , , , , , , ,	1 x Audio Jack 1 x DC Jack
	1 x POGO Connector
	1 x Power Key
Keypad	2 x Volume Key
Коураа	3 x Capacitive Function Key (on front side)
	IP65
	MIL-STD-810G:
	- 1.2M Drop
	- Shock & Vibration
Fully Rugged Feature	- Sand & Dust-Blowing Sand
	- High/Low Temperature – Operation
	- High/Low temperature – Storage - Freeze/thaw –Rapid temperature change
	- Thermal Shock
Dimension	299 x 199 x 17.7 mm (w/o bumpers & hand-strap) / 307.9 x 207.9 x 29.3 mm (w/ bumpers & hand-strap)
Weight	895g (Entry WiFi SKU)
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Storage Humidity	10% ~ 90% @40°C non-condensing
Security	HW TPM 2.0 FIPS 140-2 Level 2 Compliance
Certification	CE/FCC/VCCI
Hand-strap	Yes
	Yes
Shoulder-strap	YES

Peripheral

V F b	Desktop Cradle with Power Charging
Key Feature	Battery Charging Bay and I/O Expansion
	1 x Powered 24V USB
	1 x USB 3.0 Type-A
	2 x USB 2.0 Type-A
1/0	1 x HDMI 1.3
	1 x Powered 5V/12V Serial Port
	1 x Giga LAN
	1 x Battery Charging Slot
	1 x DC Jack
Power Adapter	AC to DC, DC 24V 180W Adapter

Extension Co	ver
	Vehicle Mounting VESA mount support 75 mm x 75mm
Key Feature	Power Charging and I/O Expansion Clip-Fix Design for Pick-up Tablet by Tool-Less
	1 x Powered 24V USB
	1 x USB 3.0 Type-A
	1 x HDMI 1.3
	1 x Powered 5V/12V Serial Port
1/0	1 x Giga LAN
	(Optional) 3 x SMA (2 x LTE and 1 x GPS) for RF Antenna Path
	(Optional) 1 x Nano-SIM (support by request)
	1 x DC Jack
Power Adapter	AC to DC, DC 24V 180W Adapter