

DCU 120 OVERVIEW

Deep Dive 2021

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DCU 100



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High Performance Processor

- Intel® Pentium N4200 Apollo Lake (1.10 GHz, turbo to 2.5 GHz)
- Fanless thermal system

Full HD Display

- 11.6" 1920 x 1080 Full HD, 300 nits TFT LCD
- Anti-glare Protection Film
- PCAP touch, supports Rain/ Glove/ Stylus

Peripherals, Data Capture & Audio

- 2 MP Webcam , 8 MP Auto-Focus Rear Camera
- Digital Microphone with noise-cancelation

External Connectivity

- Dual USB 3.0 ports – 1 x USB-A and 1 x USB-C
- Giga LAN support (RJ45)
- Optional Expansion Port for USB 2.0 support

Rugged Design

- IP65 (Water and dust proof)
- MIL-STD-810G (Shock, Vibration & Drop)



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Specification	M116P
Display Specification	
Size	11.6"
Brightness	300 nits (typ.)
Resolution	1920 x 1080
Contrast Ratio	1000:1 (typ)
Viewing Angle	85/85/85/85
Touch	P-Cap Touch (10-point)
System Specification	
Processor	Intel® Pentium® N4200 1.1GHz (Turbo up to 2.5 GHz)
Operating System	Windows 10 IoT Enterprise LTSC
System Memory	8GB LPDDR4
Storage	256GB M.2 SSD (up to 1TB)
I/O Connectors	
I/O Window	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C), 1 x Micro SD Slot, 1 x Power Jack 1 x Line Out/ Mic in, 1 x micro HDMI, 1 x RJ45 GigaLAN port
Bottom Side	1 x 19-pin Docking connector
Wireless Communication	
WLAN	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 5.0
Others	
Battery	7.7V typ. 5900 mAh Li-Polymer Battery (2S1P)
Operating Temperature	-20~ 60C (AC); -10~ 50C (Battery)
Dimension (W x H x D)	300.67 x 201.97 x 22.5 mm
Gross Weight	1.35 Kg



Data Capture Solutions	
Front Camera	2MP webcam
Rear Camera	8MP Auto-focus Camera w/ LED Flash
Mechanical and Environment	
IP Rating	IP65
Drop	MIL-STD-810G Method 516.6, 4 feet
Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6

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