

ND62 Windows Product Specification			
V1.1	2021/5/26		
	Item	10.1"	Remark
Processor			
	CPU	Intel® Gemini lake-R Celeron N4120 Quad core (optional Pentium N5030)	
Application Framework			
	OS	Windows 10 IoT Enterprise	
Memory			
	Type	LPDDR4 8G (on board)	
Product capacity			
	eMMC(onboard)	128GB eMMC	
LCD Panel			
	LCD Type	10.1", 16:10 ratio	
	Wide View	IPS	
	LCD Resolution	1920*1200	
	Brightness	800nits(Typ)	
Touch Panel			
	Touch Module	Capacitive Multi-Touch	
	Touch point	10 points	
	Digitizer	EETI	
Audio			
	Sound Codec	support	
	Internal Speaker	2W X2	
Communication			
	Wireless	Wifi 6, 802.11 a/b/g/n/AC/AX	Intel AX200 onboard
	Bluetooth	BT 5.2	
	GPS	GPS / GLONASSS/ GALILEO	UBlox NEO-M8N onboard
Camera			
	Camera (Front)	2.0M FF	optional hello function
	Camera (Rear)	8.0M AF	
	Camera Flash LED	support on rear camera	
I/O			
	HDMI (Regular Type A)	x1	
	USB 3.1 Gen1 (Type A)	x1	
	USB 3.1 Gen1 (Type C)	x1	※ no DP function ※ support 5V power output
	Card Reader (micro)	x1	
	SIM card slot (nano)	x1	
	Headphone (3.5mm)	x1	OMTP/CTIA Auto
	Internal D-MIC	x2	
	DC Jack	x1	replaceable cable type
	LAN Port(Giga)	x1	
	19 pin pogo	x1	for docking
Sensor			
	Accelerometer	Support	
	Gyroscope	Support	ST/LSM9DS1TR
	E-Compass	Support	
	Proximity	Support	SX9500
	LightSensor	Support	on front camera
Button			
	Power Button	x1	
	Vol Up Button	x1	
	Vol Down Button	x1	
	Reset Hole	x1	
	Fn key	x2	
Optional			
	OPTION ITEM		
	Barcode scanner	x1	Optional Honeywell N6783
	4G LTE M.2	x1	• Optional Sierra EM7565 (North America/EMEA) • Optional Quectel EM06-E (EMEA)
Power			
	Adaptor	19V, 3.42A	
	Battery	Standard: 7.6V, typ. 4800 mAh Li-Polymer Battery / 36.5Wh (2S1P)	• replaceable • hot swap
	Backup battery	7.4V 1.05Wh(142mAH)	
	Battery operation	Std. Battery: up to 10 hours	• test by Jeita 2.0
Physical Characteristics			
	Dimension	283.4(W)x192.0(H)x15(D)mm	
	Weight	996g (w/o screen protector) 1,044g (w/t screen protector)	
System temp			
	operating	-10℃~ 50℃	
	storage	-20℃~ 60℃	
System certification			
	CE	YES	
	WEEE	YES	

	RoHS	YES	
Other requirement			
	Drop spec	5ft	MIL-STD-810G 26 times all corners and sides
	Thumble Test	yes	40 times x1M thumbles
	Steel ball drop test	yes	25mm diameter rounded end steel weight of 250gm from 50cm w/ glass screen protector
	Seal	yes	IP65



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