

G1017M

10.1" Intel® Elkhart Lake N6415 Rugged Tablet PC



Features

- 10-point projected capacitive multi-touch panel
- Fully rugged for mobile POS or warehousing application
- 23-key keypad with numeric keys and function Keys
- Support Wi-Fi 6 wireless networking
- Implementing fingerprint authentication for security protection(optional)
- 1 x RJ-45 LAN port(optional)

Rugged Mobile Computing

System	
CPU	Intel® Pentium N6415 Quad-core 1.2Ghz
Graphics Controller	Integrated Intel® UHD Graphics controller
Memory	4G DDR4 SO-DIMM Memory module installed(optional up to 16G)
BIOS	AMI BIOS
Audio	1 x Microphone
	1 x Speaker
	1 x 3.5 mm Phone/Mic combo Jack
Storage	Integrated 64GB eMMC / M.2 SSD(optional)
Peripherals and Devices	
Camera	1 x Rear 5.0 MP AF CMOS camera
	1 x Front 5.0 MP AF CMOS camera
WLAN & Bluetooth	1 x WLAN 802.11 ax/ac/a/b/g/n & Bluetooth 5.2 BLE, Class2
RFID & NFC	1 x 13.56MHz, ISO IEC14443 Type A & B RFID & NFC Reader (distance: 3~5cm; speed: 5 cards/sec) / FeliCa protocol / MIFARE protocol
I/O Interface	
USB	1 x USB 3.0 Type-A port
	1 x USB Type-C(USB data transfer only)
LAN	1 x RJ-45 port(optional)
Docking	1 x 8-pin pogo connector for docking connection (optional)
Vedio Output	1 x mini HDMI
Expansion	1 x micro SD/SDHC/SDXC slot
	1 x M.2 for wireless devices
	1 x M.2 for storage device
Button & Indicator	
Function Key	10 x Numeric keys (0 ~ 9);
	1 x Enter key;
	1 x 4-way navigation key;
	4 x Function keys;
	1 x ESC key; 1 x Backspace;
Power Button	1 x Power on/off button
	1 x Battery LED
LED Indicator	1 x Power LED
	1 x WLAN/Bluetooth LED
Touch Screen	
Type	10-point projected capacitive multi-touch
Controller Interface	USB Interface

LCD Display	
Size/Type	10.1" TFT-LCD panel
Max. Resolution	1280 x 800
Luminance	350 cd/m2
Contrast Ratio	800:1(typ.)
View Angle (U/D/R/L)	85°/85°/85°/85° typ
Backlight Type	LED
Power Supply	
Adapter Input	100 ~ 240VAC (full range)
Adapter Output	19VDC, 3.42A, 65W
Battery Type	Li-battery pack
Mechanical & Environmental	
Operating Temp.	0 ~ 40°C (32 ~ 104°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Charging Temp.	0 ~ 35°C (32 ~ 95°F)
Operating Humidity	10 ~ 95% @ 45°C (non-condensing)
Dimensions (W x H x D)	301(W) x 187(H) x 18(D) mm
Gross Weight	1.06 Kg
Vibration	20 to 1000 Hz @ 1 grms
	20 to 1000 Hz @ 3 grms
Shock	11 ms @ 20G
	11 ms @ 40G
Regulatory	CE / FCC / Part15 Class-B / Part15-C
OS Support	
Windows 10/ Ubuntu	
Ordering Information	
G1017M	10.1" Intel® Pentium Elkhart Lake N6415 tablet PC w/ WXGA LCD, projected capacitive touch screen, battery pack, WLAN and Bluetooth

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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