

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)

System

CPU	Intel® Pentium N6415 1.2/3.0GHz (Elkhart Lake), Quad-core, 6.5W
Graphics Controller	Integrated Intel® UHD Graphics controller
Memory	DDR4 Speed MAX 3200MT/S SO-DIMM 4GB pre-install
BIOS	Insyde BIOS
Audio	1 x Microphone 1 x Speaker 1 x 3.5 mm Phone/Mic combo Jack
Storage	Integrated 64GB eMMC / M.2 SSD

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/a/b/g/n & Bluetooth 5.2 BLE, Class2(optional)
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 3.0 signal only)
LAN	1 x RJ-45 port(optional)
Docking	1 x 35-pin pogo connector for docking connection
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 ESC key; 1 x Enter key; 1 x Backspace; 1 x 4-way navigation key; 1 x Dot (.) key; 4 x Function keys; 1 x Brightness key;
Power Button	1 x Power on/off button
LED Indicator	1 x Battery LED 1 x Power LED 1 x WLAN/Bluetooth LED

Touch Screen

Type	10-point projected capacitive multi-touch with Glass adopted
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°(A)/85°(B)/85°(R)/85°(L) 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	0.9 Kg
Vibration	5 to 500 Hz @ 1 grms 5 to 500 Hz @ 3 grms
Shock	11 ms @ 20G per 11 ms @ 40G per
Regulatory	CE / FCC

OS Support

Windows 10 IoT Enterprise

Ordering Information

G1017M	10.1" Intel® Pentium Elkhart Lake N6415 1.2/3.0GHz Quad-core tablet PC
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