CTFPND-12 Android Rugged Tablet

Improve Productivity for Mobile Workers Even in Extreme Conditions

OS
Android 11

Performance
Octa-Core Processor

Wireless
WiFi, Bluetooth

Battery
Long-lasting 7600mAh

Operating Temp.
-10°C to 60°C

Camera
16MP Autofocus with flash
8.0MP Front camera

Display
10" IPS
(1920x1200)

Drop Resistance
Multiple 1.2 m (4 ft)
drops per MIL STD 810G

Network
2G / 3G / 4G with voice; Proved reliability network connection

CTFPND-12 ANDROID ENTERPRISE TABLET

Specification

PERFORMANCE CHARACTERISTICS

CPU	2.0GHz Octa Core Processor
OS	Android 11 with GMS or without GMS (Optional)
Memory	4GB LPDDR4X 32GB eMMC

PHYSICAL CHARACTERISTICS

Dimensions	260mm L x 174mm W x 17mm D
Weight	930g
Display	10inch, IPS panel (1920 x 1200 pixel)
Touch Panel	Capacitive multi-touch / Glove, Wet, Stylus
Backlight	LED Backlight
Power	Rechargeable Lithium-ion Battery 3.85V 7600mAh
Expansion Slot	User accessible micro SD card slot (standard supports up to 512GB)
SIM	2 x Nano-SIM
Interface	Docking Connector (18-pin) 1xUSB Type C 2.0 OTG 1x3.5mm Audio Headphone Jack 2xUSB Type A 2.0 OTG on the cradle 1xRJ45 Connector on the cradle 1xType C on the cradle for power supply
Notification	Audible tone, Charging Status LED
Voice / Audio	Speaker, Microphone, headphone
Keypad	On-screen keypad

WIRELESS WAN DATA AND VOICE COMMUNICATION

Radio Frequency	GSM: 850/900/1800/1900MHz WCDMA: B1/B2/B4/B5/B8 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28 LTD TDD: B38/B40/B41
GPS	GPS, GLONASS, GALILEO

WIRELESS LAN

Radio	802.11 a/b/g/n/ac; 802.11 d/e/h/i/j/k/r/v/w
Data Rate	5GHz: 802.11a/n/ac — up to 500 Mbps; 2.4GHz: 802.11b/g/n — up to 144Mbps
Security and Encryption	WFA WPA/WPA2 Personal, AES-CCMP, WPI-SMS4, GCMP, WPS2.0, WAPI (hardware)

WIRELESS PAN

Bluetooth	v2.1+EDR, 3.0+HS, v4.1+HS

WIRED LAN

Ethernet	Support (w/Cradle)

DATA CAPTURE

Scanner (Optional)	1D&2D Imagers
Camera	Rear camera 16MP AF with LED flash From camera 8.0MP
Video Input (Optional)	Support one channel AHD 720P,1080P and analog camera (w/Cradle) Support four channels AHD 720P,1080P and analog camera (w/Camera Hub)
NFC	Supported TAG-ICs: MIFARE Classic 1k/4k/Plus, MIFARE UltraLight MIFARE UltraLight C, MIFARE DESFire MIFARE DESFire Ev1, ISO 14443 A & B ISO 15693
Serial Communication	2 x RS232

SENSOR

Light Sensor	Ambient Light
Motion Sensor	Accelerometer, E-Compass, Gyroscope

USER ENVIRONMENT

Operating Temp.	-10℃ to 60℃ / -14° F to 140° F
Storage Temp.	-20℃ to 70℃ / -4°F to 158°F
Humidity	90% non-condensing
Drop Spec.	1.2m / 4 ft. to drop per MIL STD 810G
Sealing	IP67
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge +/-4kVdc indirect discharge

OPTIONAL ACCESSORIES

Vehicle docking station
Metal dash mount
NFC reader at docking station
Extra input and output at docking station

* Specification is subject to change.