

VEGA3000 Mobile Specs

Processor

32-bit Secure Microprocessor running powerful Linux based OS

Memory Flash/DDR4

128 MB/64MB

Display

3.5" Color TFT LCD 320 x 480 Pixels (Optional Touchscreen)

Card Reader

Mag Stripe: ISO 7810, 7811 & 7813 Triple Track, Bi-Directional

Contract User Card: ISO 7816 ID-1 1.8 V/3V/5V T=0, T=1

Sam Card (Up to 4): 2 SAM

Contractless (Optional): ISO 14443 Type A, B, ISO 18092 NFC and Mifare & SONY FeliCa Working Frequency 13.56MHz

Dual SIM: Yes

Communications Interface Options

4G LTE/3G/2G, Wi-Fi, Bluetooth

Ethernet, Dial-Up Modem, RS232 *2, USB *2

Indicator

LED - Contactless: No

Audio Buzzer: Yes

Keypad

Standard Keys: 15

Function Keys: No

Power Supply

DC 9 V/ 4A

Dimensions (L * W * H)

190 mm x 78 mm x 78 mm

Weight

350g

Environment

Operating Temperature: 0°C to 50°C

Storage Temp: -20° to 70°C

Operating Humidity: 5% to 90% non-condensing

Storage Humidity: 5% to 95% non- condensing

Certifications

Security & Payment: PCI PTS, EMV L1 L2, Visa payWave, MasterCard PayPass, AMEX Express-Pay, JCB J/Speedy, FeliCa, Interac Flash, UnionPay UICS, Discover D-PAS

Safety, EMC: CE, FCC, UL, RoHS, WEEE

Software

SDK, KMS, TMS, GDB, CTOS library, ISO 8583 library, Cypto library

Crypto

TRNG, DES, T'DES, AES, RSA, MK/SK, DUKPT, T'DES DUKPT