

Mobile Solution

NEW

VIA

Viega Tablet

Semi-ruggedized embedded
Android tablet with IP65
rating and long battery life



Features

- Dual Core ARM Cortex-A9 SoC
- Semi-ruggedized design with IP65 water resistance
- Docking station for battery charging and optional I/O support
- Customized software development
- Polymer battery pack for long battery life
- Optional rubber rib for anti-vibration and shock
- Chassis outline: 265mm x 171mm x 12mm
- Display active area: 217mm x 136mm

Specifications

Model Name	Viega Tablet
Processor	Powerful processor core – 1.2GHz ARM Cortex-A9 dual-core RISC processor with MMU 32K bytes instruction cache and 32K bytes data cache Performance scalable powerful RISC processor core Enhanced video/audio multi-standard encoding and decoding
Graphic	Built-in 3D graphic engine for 3D game and user interface ARM Mali-400 dual processor GPU Built-in Overlay engine, Scalar, DMA engine and hardware cursor
Memory	1G/2G DDR3 DRAM eMMC Flash 8GB/16GB/32GB SPI flash 512KB
Flash ROM	eMMC flash ROM support
Sensor	ALS and PS support G sensor E compass
Communicating	3G WCDMA 800/850/900/1700/1900/2100MHz (optional) WiFi 802.11 b/g/n & Bluetooth 4.0 NFC Type 1/2/3/4 GPS support (optional)
Video	MPEG-2/4, H.263, H.264, H.264 MVC, VC1, AVS and VP8 Video Decoding Capability up to 1920x1080 @ 60Hz Built-in HDMI, LVDS, DVI support up to 1920x1080 @ 60Hz
Audio	Headphone Jack Internal stereo speaker and micro phone
Power Supply	Battery pack support @ DC 7.4V Charger by docking station or AC adapter with DC-in 12V
Camera	Front camera 2M pixel Rear camera 5M pixel with auto focus support (optional)
Speaker	1.5W stereo speaker inside
I/O ports	Earphone Jack Micro SIM slot Micro SD card slot Micro HDMI-Out x2 Micro USB connectors - x1 for normal USB function - x1 for DC-12V in/COM port function
Display	10.1" LCD with LED backlight panel, 1280x800 resolution
Boot Loader	On board 512KB SPI Flash ROM
Optional Kit	Tablet docking station with MSR function
Operating System	Android 4.2 support
Environmental Specification for System	Operating temperature: -10°C ~ 50°C Storage temperature: -20°C ~ 80°C@ 90% Relative Humidity: 5 ~ 95% @ 40°C, non-condensing EMC Approved: CE, FCC, VCCI, CCC, C-tick, CE-R&TTE, TUV-CB, BSMI, CU Environment: EnergyStar compliant Drop Test: 1M or 2M (with 4-corners rubber lib) on concrete floor
Weight for whole System	690g

