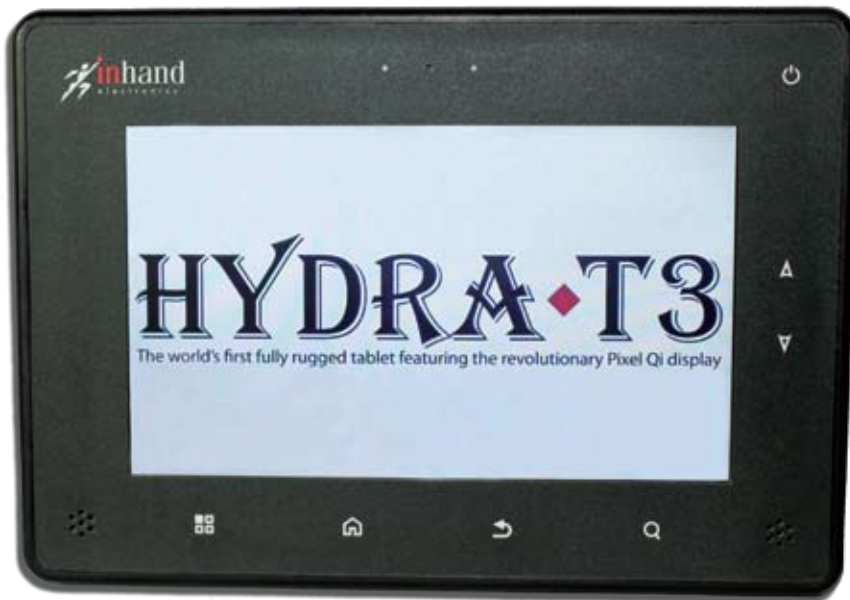


Hydra-T3™: The world's first fully rugged tablet featuring the revolutionary Pixel Qi™ display

5.92"
150.4mm8.42"
213.9mm

Features

- ◆ 7" WSVGA, sunlight-readable display with touchscreen, brightness control and automatic display rotation
- ◆ MIL-SPEC: MIL-STD-810G, MIL-STD-461F, and IP67
- ◆ Fully programmable with four user buttons, volume buttons and power button
- ◆ 802.11 b/g/n WiFi, Bluetooth 2.1, GPS
- ◆ 5MP camera, digital microphone and speaker outputs
- ◆ .98" (24.9mm) thick
- ◆ Gloved operation in all weather conditions
- ◆ *Full spec list on reverse*

As the world's first rugged tablet featuring the revolutionary Pixel Qi, low-power, sunlight-readable, display, InHand presents the ultra-thin, low-power Hydra-T3™ tablet. Created for OEMs and system integrators requiring a quick solution for military, medical, or other industrial or commercial uses, the ruggedized InHand tablet is uniquely designed to offer the versatility and portability of common tablets with the durability of a MIL-SPEC mobile device. The rugged tablet runs off of InHand's Fury™ SBC, based on 1GHz Cortex-A8 with TMS320C64x DSP co-processor.

The InHand Hydra-T3 meets all specifications for temperature, fluid contaminants, solar radiation, fungus and immersion, while offering the full functionality expected from a compact mobile tablet. The tablet design features a 7" Pixel Qi WSVGA display with automatic brightness control and display rotation. A resistive multi-touch Gorilla Glass® touch panel, four programmable buttons, volume buttons and a power button make up the user interface. The tablet also offers: a camera, microphone, stereo speaker output, vibration for haptic feedback and Qi wireless battery charging of the 37WHr 3.7V Lithium Polymer battery. The low-power design can run up to 10 hours on a full charge and weighs less than 1.5 pounds.

Hydra-T3™ Specifications*

CPU	Texas Instruments® DaVinci™ DM3730 dual-core processor, 1GHz ARM Cortex-A8 and 800MHz TMS320C64X+™ DSP processing power via InHand Fury™ SBC
Memory	Up to 1GB DDR2, up to 32GB eMMC Flash
Display	7" WSVGA (1024x600) display
Display Features	Ambient light sensor for automatic brightness control and accelerometer for automatic display rotation; sunlight readable; resistive multi-touch Gorilla Glass® touch panel
User Interface	4 user buttons, volume and power buttons; analog resistive multi-touch touchscreen
Audio	Stereo speaker output, digital microphone for audio capture/detection
Video	5MP camera (for barcode scanning; image capture)
Multi-Media	Video decode: H.264, 720p 30 fps
Wireless Peripherals	802.11 b/g/n WiFi, Bluetooth 2.1 and GPS
Expansion Dock / Connector	2 USB 2.0 ports, 1 USB 2.0 Client port, power input, I2C/SMBus, expansion/dock connector, Mini PCIe, and future 3G and 4G connectivity
Additional Features	Vibrator for haptic feedback; hand straps; customizable with logo
Battery Support	37WHr 3.7V Lithium Polymer battery with Qi wireless charging; est. 10-12 hours of battery for typical usage
Operating Systems	Android 4.0; contact factory for Ubuntu or Windows® Embedded
Dimensions	213.9mm x 150.4mm x 24.9mm, 8.42" x 5.92" x 0.98"
Environmental	-30°C to 80°C operating temperature, IP67 submersible to 1 meter for 30 minutes
MIL-SPEC	MIL-STD-810G, MIL-STD-461F
MIL-SPEC Tests	Method 501.5, Procedure II, temp = 80°C (high temp), Method 502.5, Procedure II, temp = -30°C (low temp), Method 504.1 Procedure II, fluids from table 504.2, 8 hour exposure (fluid contaminates), Method 505.5, Procedure I for world-wide deployment (solar radiation), Method 508.6, 28 minimum growth (fungus), Method 512.4, Procedure I, at 27°C ambient air temperature above water temperature at a depth of 1m for 30 min. (immersion), Method 514.6 Procedure I (Category: 4, 24) and Procedure II (various vibration), Method 516.6, Procedure I, 40g, 11ms, saw-tooth, 3 shocks +/- per axis, 3 axes (shock), Method 516.6, Procedure IV, up to 48" drop, 26 total drops (transit and operating drop)

Ordering Information

Part Number	Description
HYD-T3-01	Hydra-T3 Tablet, DM3730 1GHz, 256MB DDR, 512MB NAND, 1024x600 7" Pixel Qi
HYD-T3-02	Hydra-T3 Tablet, DM3703 1GHz, 1GB DDR 16GB eMMC, 1024x600 7" Pixel Qi
Options: 5C	5MP Camera
W	WiFi, Bluetooth, GPS
32GB	32GB eMMC

Contact Information

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*Information is subject to change. Available Q1 2013.

InHand Electronics, Inc. is an original design manufacturer of single board computers and rugged handhelds for original equipment manufacturers. InHand's products are used in a variety of markets including: military, healthcare, industrial, entertainment, and instrumentation. Designs include: UMPCs, PDAs, wearable computers, tablets, handheld control systems, industrial computers and smart sensors. InHand's products are built on industry-leading technologies such as: Freescale, Intel, Texas Instruments, and Marvell processors and Android, Linux, Ubuntu, and Microsoft operating systems. InHand is an ITAR registered company operating in a secure facility. InHand products are designed and assembled in the USA. The company's headquarters are located along the I-270 Technology Corridor in Rockville, Maryland.



Designed & Assembled
in the USA

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