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First rugged PDA with a full Windows OS - the TETRApad H1 from Logic Instrument



Logic Instrument, one of the major manufacturers of rugged mobile computer and supplier of customer specific solutions, introduces its new rugged PDA with an Intel x86 CPU. The TETRApad H1 is designed to meet the most industrial and military standards, so it can be used in the most extreme environments.

Free choice of applications

The TETRApad H1 is a highly resistant and lightweight PDA. With it's 5-inch outdoor display it can be read in any environmental condition. Equipped with an extra hard touchscreen surface the TETRApad H1 is easy to use with the fingers, with gloves or with the stylus. A highlight in the PDA class is the Intel x86 CPU which allows to run Windows 7 or Windows XP. To use an full Windows operating system means a greater flexibility in the choice of application software that is not offered by a conventional PDA equipped with a generally ARM CPU. Indeed, complex application software developed on workstations can be installed directly on the TETRApad H1 and have not to be rewritten for the use on a PDA with Windows Mobile.

Free choice of ruggedness

The sealed solid aluminum & magnesium housing protects the unit from drops up to 1.22m (4 feet), vehicle and machinery vibration, blowing rain, hose down, as well as fine dust intrusion tested according to the IP65 standard and the MIL-STD-810G in the military (MIL) version and to the IP55 standard in the industrial (IND).

Feature	MIL-Version	IND-Versions
IP Rating	IP65	IP55
MIL-STD461F	yes	no
MIL-STD810G	yes	no
Housing color	green	black

Free choice of performance

The TETRApad H1 uses a 1.6GHz Intel Atom Z530 CPU with 2GB of DDR2 RAM. For application and data storage the capacity of the internal SSD can be chosen. The collected information can be shared and transmitted with one of the many internal wireless options or via the optional docking cradle, from the road or in the office.



Features <ul style="list-style-type: none"> Housing : aluminum / magnesium MIL Version: IP65, MIL-STD810G, MIL-STD 461F, green IND Version: IP55, black Dimensions : 200 x 94 x 36 mm Weight : 700g with battery 	Specifications <ul style="list-style-type: none"> Processor : Intel Atom (Z530) 1,6 GHz, 512 KB L2 cache Chipset : Intel SCH US15W RAM : 2 GB DDR2 RAM Storage : 1,8" PATA SSD up to 32 GB VGA: Intel GMA500 Video Controller Operating System: Windows 7 or XP
Functions <ul style="list-style-type: none"> Standard : Separate On/Off-Switch for wireless connections Status LED's for operating, battery charging and WiFi Integrated backup-battery Touchscreen surface hardness >7H Charging time with AC-Adapter <2h Sunlight readable display with anti-reflection filter Option : Digital compass, 2 MP camera with dual LED light, Fingerprint Kit 	Display <ul style="list-style-type: none"> 5" aktive matrix LCD with rugged touchscreen Operable with finger or stylus, Sunlight readable, Anti-glare, LED-backlight, 330 cd/m², Resolution 800 x 480 pixel Option : Night vision function
Interfaces <ul style="list-style-type: none"> Standard : USB 2.0 (Host), Express Card/34, SD Card Slot (SDHC), SIM Card slot, Docking Connector, Bluetooth 2.1+EDR(Class 2) Option : WLAN a.b.g.n, UMTS 3.5G broadband (WWAN) , GPS with internal antenna and external SMA connectors, Expansion connector 	Power / Battery <ul style="list-style-type: none"> Batterie : Li-Ion 7,4V 3900 mAh AC-In : With integrated vehicle adapter 12 - 32 V Option : Double Capacity Battery, 7,4V 7800 mAh, size: 113x70x23 mm
Buttons / Input devices <ul style="list-style-type: none"> 4 way navigation key, 12 function keys Rugged Touchscreen (operable with finger or stylus) 	Accessories <ul style="list-style-type: none"> Double Capacity Battery, 7,4V 7800 mAh Docking Cradle Station d'accueil (Fixation avec répliqueur de port) Charging function for PDA Interfaces: 1x RS232, 1x RJ45, 3x USB (Host), 1x USB (Client), 1x VGA, 1x DC-In

Press contact



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A propos de Logic Instrument (ALLOG) - www.logic-instrument.com

Créée en 1987 et labellisée Oseo Innovation depuis 2004, l'entreprise est leader sur son marché de la conception et la commercialisation d'ordinateurs portables et embarqués durcis destinés aux environnements hostiles. Logic Instrument, dont le siège social est à Domont, en France, est également présent à l'international via ses 2 filiales US pour l'Amérique du Nord et Allemande permettant de couvrir l'Allemagne, l'Autriche et la Suisse. Ses clients sont principalement de grands groupes internationaux privés ou public.