

## SUNIT-T

### QUICK-START ALL-IN-ONE PANEL-PC

- √ Open Architecture Computing
- √ Freescale i.MX53 Quick-start Core-CPU
- √ 1GB NAND, expand SD-Card
- √ 2D and 3D Graphics
- √ Touch Interface
- √ 7" and 10" Full Digital LCD Screen
- √ Loud Speakers
- √ Stative / Vesa Mounting
- √ Wide temperature
- √ 72-Channel GPS / GLONASS
- √ Integrated 3G
- √ IGN-Start
- √ Intelligent Power-moding
- √ 9 ... 36V / Core-Power monitory
- √ USB, LAN



**SUNIT-T All-in-One Panel-PC** for Industry and Fleet Applications.

**SUNIT-T** with Wide-View technology is ideal HMI-Monitor for tough working demands.

Graphics-Accelerator and sharp TFT-LCD Display with Auto-Ambient controlled LED-Backlight offers user-friendly Screen-interface.

Powerful Ultra Low-Voltage processor with Smart-speed technology offers optimized Processor capacity for all Applications

Light Weight combined with Tough casing offers selectable installations in all Demanding Duties.

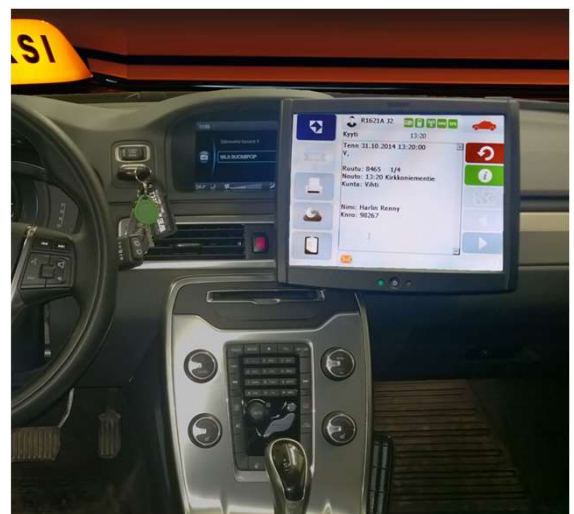
Purpose-designed and conformal coated electronics ensures long In-Service time even on harshest conditions.

Inbuild SIM-Slot with 3G Modem and 72-channel GNSS offers excellent support for LBS-Applications.

3-axis Accelerometer, High-Speed CAN and Digital I/O's offers expansions for IoT-Applications.

2 x Speakers offers excellent Audio features.

**Sunit-T** is compliant with Industry Standard ISO-16750 (2, 3, 4, 5) and is E-Certified.



#### SUNIT in Brief—Focus on Client Entrepreneur

Over 20 year's core-focus on tough computers and deep knowledge of client-demands has brought us prime expertise in technology.

We demand ourselves deep knowledge of the Clients entrepreneur and we strive to bring the long-term technology into his ICT.

Our technology connects OAC - Open Architecture Computing to IoT - Internet of Things with Powerful Processing.

Our Products are covered by Industry Standard ISO-16750, UNECE-Regulations and Environmental Standards.

[www.sunit.fi](http://www.sunit.fi)

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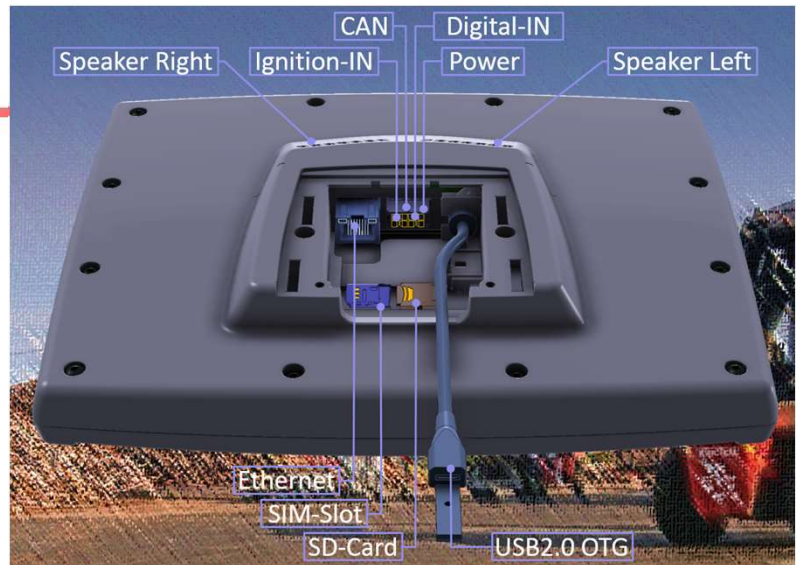
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### Technical Sheet



<b>CPU</b>	Automotive Processor 800MHz ULV Freescale® i.MX537. Quick-Start, smart speed technology. ARM Cortex-A8, Cache L2 256KB.	
	T-LINK: ATxmega128, 32MHz, 128kB flash	
<b>RAM</b>	1GB DDR3 @ 800MB/s T-LINK: 8KB	
<b>Storage</b>	NAND Flash 512 MB. Expansion; SD-card slot (SDHC)	
<b>O / S</b>	Windows CE 7, Linux-Ubuntu O/S LTS 15.04, LINUX Debian 8.0	
<b>Graphics</b>	Two independent graphics processing units: <ul style="list-style-type: none"> <li>➤ OpenGL® ES 2.0 3D-graphics accelerator (33 Mtri/s, 200 Mpix/s, and 800 Mpix/s z-plane)</li> <li>➤ OpenVG™ 1.1 2D-graphics accelerator (200 Mpix/s).</li> </ul>	
<b>Audio</b>	2 x 2W Audio / Internal speaker	
<b>Screen Types</b>	T7: High bright Digital-LVDS Display. W-VGA 800x480. 262 000 colours. EMI-Shielded. LED Backlight. Auto Ambient / Manual controlled brightness. Resistive touch, non-glare. T10: High bright Digital-LVDS Display. XGA 1024 x 768. 16.2M colours. EMI-Shielded. LED Backlight. Auto Ambient / Manual controlled brightness. Resistive touch, non-glare.	
<b>Ethernet</b>	10/100BASE-TX, RJ45 LAN Connector	
<b>USB</b>	USB 2.0 (OTG, Micro USB A+B)	
<b>SIM-slot</b>	1 x	
<b>WI-FI</b>	Redpine RS9110-N-11-02. IEEE 802.11b/g/h/i, draft 802.11 n/k, Client	
<b>IGN-Sense</b>	Automotive IGN-Sense. Monitor of Core-Power level	
<b>CAN</b>	1 x High-Speed CAN / SAE J1939, ISO 11783 and NMEA 2000 Standard Data Bus. FMS-Interface.	
<b>Digital-IN</b>	1 x Digital-In: 0V ... 36V, Logic-H +5V, Internal Pull-Ups	
<b>Gyro / Acc.</b>	3-AXIS (X-Y-Z) LOW G Digital Accelerometer with Jolt & Pulse detections.	
<b>GNSS</b>	U-blox CAM-M8Q / Sensitive 72-channel u-blox M8 engine. GPS, QZSS, GLONASS, BeiDou. Embedded wideband and omnidirectional GNSS antenna.	
<b>Tele Comm.</b>	Integrated Quad Band GPRS/EDGE: 850 / 900 / 1800 / 1900 MHz 3.9G: Penta Band HSPA+: 800/850 / 900 / AWS1700 / 1900 / 2100	
<b>Power</b>	9 ... 36VDC.	
<b>Power-Moding</b>	Intelligent 4-state Power Moding system / Manually ON/OFF	
<b>Dimensions</b>	T7: (w)165 x (h)126 x (d)29mm. Weight 0,7kg	T10: (w)244 x (h)202 x (d)46mm. Weight 1,2kg
<b>Casing</b>	PC/ABS / Cycloy-2950 / V0+UV / 76701.	
<b>Compliant</b>	ECE 10R-04, ISO-16750, FCC CE WEEE 2002/96/EG, RoHS 2002/95/EC, REACH 2006/121/EC	
<b>Environment</b>	-40°C ... +85°C. Temperature monitored. 0%~90% Relative Humidity.	
The product meets all the Vehicle, Machinery and Industrial Environment criteria's worldwide and Accreditation Cooperation (ILAC)		

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Specifications subject to change without notice

