



SUNIT-I

QUICK-START PANEL-PC

- ✓ Open Architecture HMI-PC
- ✓ Powerful Freescale i.MX53 Quick-start Core
- ✓ 512MB SDRAM, 512MB NAND
- ✓ Supports 2D and 3D Graphics
- ✓ Touch Interface
- ✓ Full Digital LCD Screen
- ✓ Loud Speakers
- ✓ Stative / Vesa Mounting
- ✓ Wide temperature
- ✓ Ethernet
- ✓ IGN-Start
- ✓ Intelligent Power-moding
- ✓ 9 ... 36V / Core-Pwr. monitory
- ✓ USB, LAN



SUNIT-I All-in-One Panel-PC for Industry Applications.

SUNIT-I Wide-View technology is ideal Monitor for Environments with 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 .

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

2 x Speakers offers excellent Audio features.

Sunit-I 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.

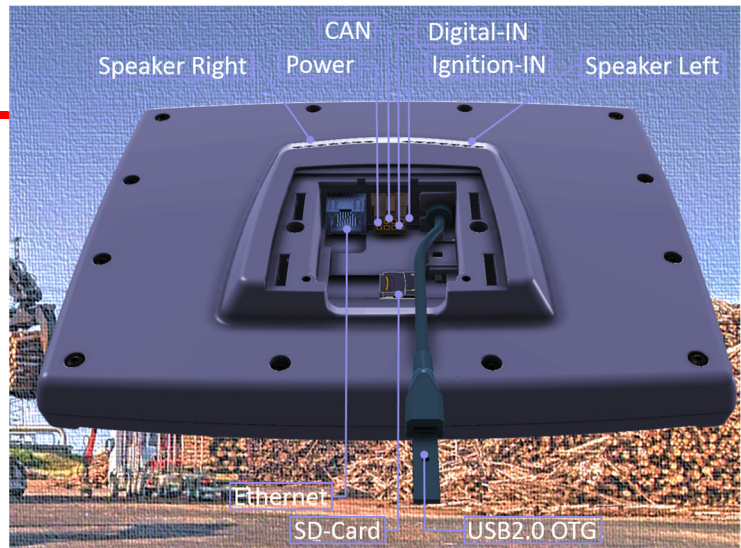
www.sunit.fi

marketing@sunit.fi



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Data Sheet

CPU	800MHz Ultra Low Voltage Freescale® i.MX537 with Smart speed technology. MCU: ARM Cortex™ –A8 core, cache L2 256kB	
RAM	512 MB DDR3 @ 800MB/s	
HDD	NAND Flash 512 MB. Expansion. Optionally eMMC	
Graphics	Two independent graphics processing units: ⇒ 3D graphics accelerator: OpenGL® ES 2.0 (33 Mtri/s, 200 Mpix/s, and 800 Mpix/s z-plane performance) ⇒ 2D graphics accelerator: OpenVG™ 1.1 (200 Mpix/s).	
O / S	Windows EC7 (Embedded Compact), Linux-Ubuntu, LINUX Debian	
Audio	2 x 2W Audio on internal speaker	
Screen Type	I7: High bright Digital-LVDS Display. W-VGA 800x480. 262 000 colors. EMI-Shielded. LED Backlight. Auto Ambient / Manual controlled brightness. Resistive touch, non-glare. I10: High bright Digital-LVDS Display. XGA 1024 x 768. EMI-Shielded. 16.2M colors. LED Backlight. Auto Ambient / Manual controlled brightness. Resistive touch, non-glare.	
Viewing Angles	I7: (H) +88° / -88°. (V) + 88° / - 88°.	I10: (H) +88° / -88°. (V) + 88° / - 88°
USB	USB 2.0 OTG Micro-AB	
Ethernet	10/100BASE TX, RJ45 LAN Connector	
Wi-Fi	Redpine RS9110-N-11-02. IEEE 802.11b/g/h/i, draft 802.11 n/k, Client	
IGN-Sense	Automotive IGN-Sense for monitor Vehicle Power level.	
Power-In	9...36VDC	
Power Moding	Intelligent, 4-state Power Moding system / Manually ON/OFF	
CAN	1 x High-Speed CAN / SAE J1939, ISO 11783 and NMEA 2000 Standard Data Bus. FMS-Interface.	
Digital-IN	1 x Digital-In: 0V ... 36V, Logic-H +5V, Internal Pull-Ups	
Dimension	I7: (w)165 x (h)126 x (d)29mm. Weight 0,7kg	I10: (w)244 x (h)202 x (d)46mm. Weight 1,2kg
Casing	PC/ABS / Cycloy-2950 / V0+UV / 76701.	
Compliant	ECE 10R-04, ISO-16750, FCC CE WEEE 2002/96/EG, RoHS 2002/95/EC, REACH 2006/121/EC	
Environment	-40°C ... +85°C. Temperature monitored. 0%~90% Relative Humidity.	
The product meets all the Vehicle, Machinery and Industrial Environmental criteria's worldwide and is Qualify tested by member of International Laboratory Accreditation Cooperation (ILAC)		

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Specifications subject to change without notice

