

SUNIT AT7

QUICK-START 4 X 1.6GHz ALL-IN-ONE PANEL-PC

- Open Architecture Computing
- Powerful Intel Atom x7-E3950, Apollo Lake
- 4 x 1,6 GHz. Quick-start Core-CPU
- 4GB DDR3L RAM
- 2D and 3D Graphics
- Touch Interface
- HD-Audio Speakers
- Wide temperature
- 72-Channel GNSS
- 4G/LTE
- Integrated 3D Gyro
- IGN-Start
- Intelligent Power-moding
- 9 ... 36V / Core-Pwr. monitory
- CAN, USB, LAN, Serial Interfaces.



SUNIT-AT7 All-in-One Panel-PC for Industry and Fleet Applications. Compact design comprises wide amount of features for Industrial IoT-Utilizations. Strong casing and Industry classified Conformal coated electronics ensures a long In-Field Service life on demanding environments.

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 4G / LTE 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.

I/O-Box for connections of devices makes Hidden placement possible.

- Small size: 20mm x 45mm x 60mm. Cable Length 1m.
- 2 x USB2.0
- Serial (RS232 / 485)
- CAN
- Digital I/O's



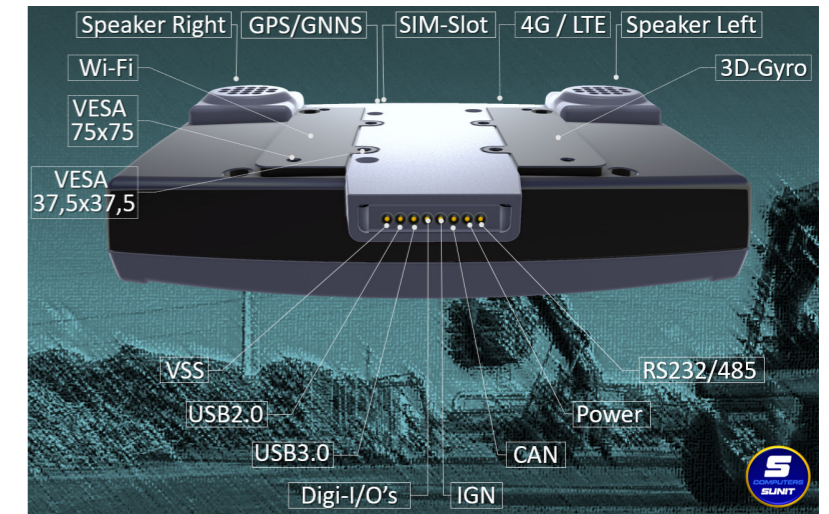
Sunit products meet international road vehicle and environmental standards, including ISO 16750, UNECE 10R-05 0020, RoHS, REACH, and WEEE.



This Product Is Manufactured In A Certified Facility. The Product Itself Is Not Certified.



Mark Of Finnish Quality And Local Production.



Technical Sheet

CPU	Intel Atom x7-E3950, Apollo Lake, 4 x 1,6 GHz. Burst 2.0 GHz. 2 MB L2 Cache. Industrial Extended Temperature. T-LINK: ATSAM4E, 120 MHz
RAM	4 GB DDR3L. Up to 1866MT/s, T-LINK: 128 kB
STORAGE	64GB SSD. Option 128GB / 256GB
O/S	Windows 10, Windows 10 IoT (Enterprise LTSB / Enterprise E5 CBB / Enterprise E3 CB). Windows 7.
GRAPHICS	Intel® HD Graphics 505, 500 MHz, 2GB
VIDEO	Intel® Quick Sync Video and Intel® Clear Video HD . 3D-Graphic, 4K Media Codecs.
AUDIO	2 x Internal speakers. HD-Audio.
SCREEN TYPE	High bright Digital-LVDS Display. W-VGA 800x480. 262 000 colours. EMI-Shielded. LED Backlight. Auto Ambient / Manual controlled brightness. Resistive touch, non-glare.
USB	1 x USB 3.0 & 1 x USB 2.0
SIM-SLOT	1 x SIM
WI-FI	Intel® Dual-Band Wireless AC-3165, 433Mb/sec. Data Link Protocol: 802.11a/b/g/n/ac. Standards: IEEE 802.11a/b/d/g/i, IEEE 802.1x.
IGN-SENSE	Automotive IGN-Sense. Monitor of Core-Power level
CAN	1 x High-Speed CAN / SAE J1939, ISO 11783 and NMEA 2000 Standard Data Bus
DIGITAL-IN	1 x Digital-In: 0V ... 36V, Logic-H +5V, Internal Pull-Ups
DIGITAL-OUT	3 x Digital-Out. Power-level due to Power-In
GYRO	MPU-6500 Six-Axis (Gyro + Accelerometer) MEMS Motion Tracking™ Device
GNSS	U-blox CAM-M80 / High-sensitive 72-channel u-blox M8 engine. GPS, QZSS, GLONASS, BeiDou. Embedded wideband and omnidirectional GNSS antenna.
TELE COMM	4G LTE Quectel EC-25
POWER	9 ... 36VDC.
POWER-MODING	Intelligent 4-state Power Moding system / Manually ON/OFF
DIMENSIONS	(w)165 x (h)126 x (d)37mm. Weight 1,5kg
CASING	PC/ABS / Cycloyol-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	-40C ... +85C. Temperature monitored. 0%~90% Relative Humidity.