

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 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.

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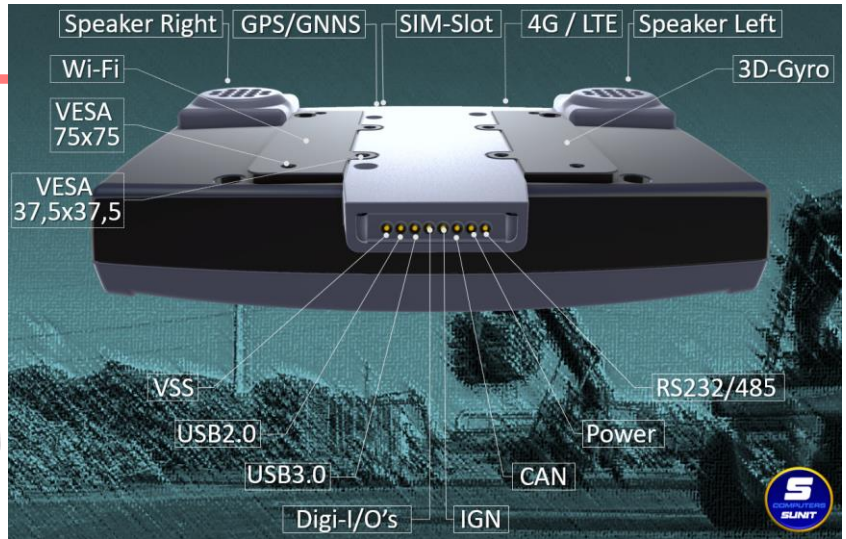
SUNIT

Bridge for Demanding Duties

SUNT

AT7

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



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
Graphics	Intel® HD Graphics 505, 500 MHz, 2GB
O / s	Windows 10, Windows 10 IoT (Enterprise LTSB / Enterprise E5 CBB / Enterprise E3 CB). Windows 7.
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-M8Q / 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 / Cycoloy-2950 / V0+UV / 76701.
Compliant	ECE 10R-05, ISO-16750, FCC CE WEEE 2002/96/EG, RoHS 2002/95/EC, REACH 2006/121/EC
Environment	-40°C ... +60°C. Temperature monitored. 0%~90% Relative Humidity

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Specifications subject to change without notice

