

SUNIT IVIA 5G

- i.MX8M-PLUS
- 4x A53 @ 1.8 GHz
- GNSS
- 5G prim, 5G MiMo
- Ethernet & WLAN
- Sunit-T LINK Vehicle-interface Application
- 1x CAN, 4 x Programmable Digital-I/O's
- 1x USB-A 2.0
- 1x USB-C 3.0
- Audio line in, line out, Helmet mic in, Helmet headphone out, Monophone or external mic and speaker
- Screen switch FX-CPU - Ivia 5G
- Internal SD card slot



SUNIT Ivia 5G is a standalone device designed for secure communication between authorities.

SUNIT Ivia 5G unites Efficiency, Sharpness, Precision and Alertness in a compact package. It is Discretely mountable for versatile purposes and serves reliably in multiple operations.

SUNIT Ivia 5G features a switchable output source, allowing users to choose between Sunit FX CPU and Ivia Android (FPD-Link 3). Additionally, it offers integration with the Tetra 1 device for optimal performance and compatibility.

SUNIT Ivia 5G Audio connectivity is designed for officers in vehicles and motorcycles, providing clear and reliable communication in various environments.

Demanding Duties asks progressive solutions and Intelligent applications claiming computer as a trusted server on dayaround service.

SUNIT Computers build on firm and light-weighted geometry designed cast-aluminium mechanics and conformal coated Solid-electronics.

SUNIT Wide-view Touch-screens delivers safe and reliable Monitor for versatile HMI.

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



Certified facility.



Mark Of Finnish Quality And Local Production.

Technical Sheet



CPU	NXP i.MX8M-PLUS: 4x Cortex A53 @ 1.8 GHz, 1x Cortex M7 @ 800 MHz
RAM	Up to 8GB LPDDR4 @ 2000 MHz
STORAGE	Up to 128GB eMMC
O/S	ANDROID Version 15
GRAPHICS	NPU 2.3 TOPS
VIDEO	FDP-Link I/O for Sunit FX CPU or Stand-alone unit with FX-displays
AUDIO	Line in, Line out, Helmet mic in, Helmet headphone out, Monophone or external mic and speaker
SCREEN INTERFACE	e 1x FDP-Link Display Connector OUT, 1x FDP-Link Display Connector IN
ETHERNET	2x 10/100/1000 Mbit/s Ethernet
USB	1x USB-type C / 1x USB 2.0
MODEM	5G, M.2 slot, Supports 4x4 MiMo, Fakra connector
SIM-SLOT	2x SIM
SERIAL INTERFACE	D9 Configurable RS232
WI.FI	Wi-Fi 802.11a/b/g/n/ac/ax
BLUETOOTH	Bluetooth 5.4/BLE
IGN-SENSE	Intelligent 4-state Power Management. 9V 36V. API-Readable via T-LINK
CAN	1x CAN
DIGITAL-IN / DIGITAL-OUT	<p>4x programmable D-I/O</p> <p>Digital-In: High-Active Di-In: · 10V ... 36V, Logic-H +11V, Internal Pull-Downs API Read via T-LINK · Pre-start / Wake-Up of System on Arctic conditions</p> <p>Low-Active Di-In: · 0V ... 36V, Logic-H +5V, Internal Pull-Ups</p> <p>Digital-Out: API Re-Write via T-LINK · Voltage Level due to Power-Input · Short-Circuit and Inductive-Load Protected · 500 mA output</p>
GPS/GNSS/ GYRO	GNSS
POWER-IN	9.0V ... 36.0V
BACK-UP	Internal, for Abrupt Power Interrupts. Intelligent Shut Down of Apps and Shut-Off the Unit.
DIMENSIONS	(W x L x H): 165 x 170 x 35 mm
CASING & BODY	Geometry-designed impact protective Aluminium Body. High-density Steel cover
COMPLIANT	ECE 10R-06, FCC, CE, C-Stick, ISO-16750 WEEE 2002/96/EG, RoHS 2002/95/EC, REACH 2006/121/EC
ENVIRONMENT	-40°C ... +75°C. 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)