

Mobile Data Terminal

MDT 600

· Rugged Tablet

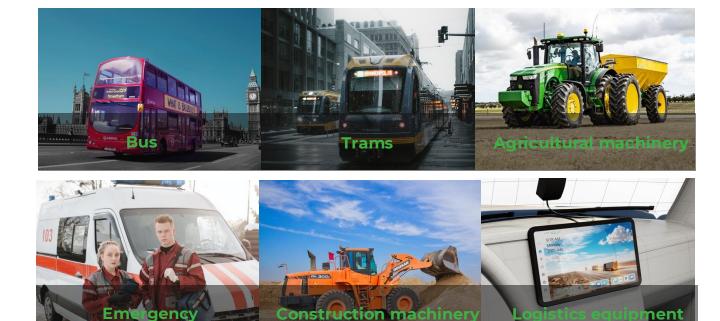
· Wide Viewing

· Al Ready

· Easy installation



The following section is about the Mobile Data Terminal (MDT), which offers the Human Machine Interface (HMI) used by the vehicle driver. MDT as multi-functional vehicle display device. It supports multiple languages and hardware resources, operates independently of vehicle applications and display technologies, and provides a mechanism to ensure the stability of the system. Additionally, it allows users to customize the interface design.



Product Specifications

MDT Specifications	
Hardware Platform	
CPU	Quad-Core Cortex-A72 + Quad-Core Cortex-A53 Up to 2.0 GHz
GPU & NPU	ARM Mali G52 MC3 GPU,6 TOPS INT8
RAM	8GB LPDDR4
Storage	Default 256GB UFS
Speaker	Built-in 8Ω/1W with waterproof
Mic phone	Built-in
Software	
OS	Android, Linux
Networks	IPv4/IPv6, NAT, Routing, IPSec/L2TP VPN, OpenVPN etc.,
Network Connections:	
Cellular	Cellular 5G/4G or No cellular
Wi-Fi	Wi-Fi6 AP/STA
BLE	Bluetooth 5.0
GNSS	GPS L1 C/A, L5,+Calileo E1, E5a+BDS B1I, B2a+GLONASS L1
IMU	6-axis gyroscope
System Physical Stand	ard Configuration:
LCD Screen Resolution	1280x800(169) pixels, 262K, Light-Sensor
View angles	30° to 150° on the vertical and horizontal axis
LCD Screen	10.1" inch. Display Refresh 60 fps
Touch Module	G+G Multi-Touch
Interface Configuration	1
Ethernet	1 x M12 X-Coded 1000 Mb ps
SIM Card Slot	2 x 4FF
Button	4 Button, with backlight
NFC	ISO14443A/B, ISO15693, NFC Forum TIT, T2T, T4T, and T5T tag types etc.,
Fingerprint	Capacitive fingerprint recognition module
USB Interface	1 x Type-C
Camera	Built-in camera x 1
ADH Camera and VAG	External camera x 8 AHD Camera Interface or 4 AHD + VGA in 26 PIN Interface
Expand storage	1 x M2 SATA SSD Slot (up to 4TB)
SD/TF Card reader	1 x Micro SD Slot (up to 256GB)
Audio/Mic	L, R, GND, Mic in 26PIN Multi-Function Interface
CAN Bus	1 x CAN 2.0 in 26PIN Multi-Function Interface
V/O	RS232, RS485, $5 \times DI$, $4 \times DO$ in 26 PIN Multi- Function Interface
Install	
Install	VESA 75 x 75mm
Volume	300 x 182 x 38 mm

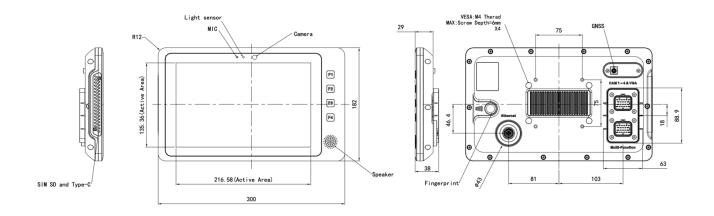
MDT Specifications		
Environment		
Operation Temperature	-30°C ~ 70°C	
Storage Temperature	-40°C ~ 85°C	
Humidity	95% RH @ 60°C, Non-condensing	
Protection level	IP65	
IK	IK08	
Power		
Power supply	9~48 VDC	
Power Connector	VIN+, VIN-, IGT in 26 PIN Multi-Function Interface	
Standard		
Automotive standards	EN 61373 Shock and Vibration	
	EN 45545-2 Fire and smoke	
	ISO16750-1, ISO16750-2	
	ECE R10, R118	
Certification*	CE, E-Mark, UKCA, FCC	



Ordering Guide

Model	Model code: MDT- <w> <w>: Type & Module</w></w>
MDT600-NRQ5- <m></m>	Cellular 5G Global
MDT600-FQ09- <m></m>	Cellular CAT6 Global
MDT600-EN00- <m></m>	No Cellular
	- <m> For optional storage versions are available, which can be 256GB, 512GB or 1TB versions. Default version is 256GB. Example: MDT600-FQ09 means it comes with a 256GB storage capacity.</m>

Dimension



About Us

In Hand Networks is a leading IoT solutions provider founded in 2001, dedicated to driving digital transformation across industries and empowering customers to unlock their full potential and achieve accelerated growth.

We specialize in delivering industrial-grade connectivity solutions for diverse sectors, such as enterprise networks, industrial and building IoT, digital energy, smart commerce, and mobility. Our comprehensive product portfolio and services cater to various applications worldwide, including smart manufacturing, smart grid, intelligent transportation, smart retail, etc. With a global footprint spanning over 60 countries, we serve customers in China, the United States France, Germany, the United Kingdom, Italy, and beyond.



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