

10.1 INCH "IN-VEHICLE" PANEL-PC

P/N: DVE-6620-S000



Features

- 10.1" LCD Panel, optional high brightness LED backlight LCD
- NXP i.MX8M Quad Plus Processor
- Fanless design
- Total IP65 with isolated ISOBUS connectors
- Operating system: Android 10.0
- Wide range DC 9~60V power input
- CE/FCC/E Mark

Specifications

System	
CPU	NXP i.MX8M Quad Plus, 4x Cortex-A53 1.8 GHz
Memory	Onboard 4GB LPDDR4-3200MHz SDRAM
Speaker	2 x 2W IP65 Speaker
Function Keys	3 keys at Rear side: 1 x Power on/off 2 x Programmable(Default volume +/-) by user define
IO Ports	
I/O Interface-Rear	ISOBUS Connectors: 1 x ISOBUS 12-pin DT15-12PA connector for 1 x CAN BUS + 1 x RS-232/422/485(COM1), w/1.5KV isolation protection 1 x ISOBUS 12-pin DT15-12PB connector for 1 x GbE LAN + 1 x USB2.0, w/1.5KV isolation protection 1 x ISOBUS 4-pin DT15-4P connector for 9~60V DC input 4 x SMA connectors for optional Wi-Fi/BT/LTE/GPS antennas, one of the SMA connector can be optional for 3.5mm phone jack
I/O Interface-Edge	Under waterproof cover: 1 x USB2.0 Type-A connector 1 x Nano SIM 1 x Micro SDXC slot
Expansion	
Expansion slot	1 x Full-size mini-PCIe socket (USB2.0) for HSUPA/LTE Module (for option) 1 x Full-size mini-PCIe socket (PCIe+USB2.0) for WIFI/BT Module (for option)
Others	1 x RFID Module (for option) 1 x Ambient Light Sensor (for option) 1 x 5MP Camera (for option)
Storage Space	
Storage	Onboard 32GB eMMC NAND Flash
Display	
Display Type	10.1" TFT-LCD
Max. Resolution	1280 x 800
Max. Color	16.7M
Luminance (cd/m ²)	350 nits, 1000 nits for option
View Angle	170(H) / 170(V)
Contrast	800:1
Backlight Lifetime	50,000 hrs
Touch Screen	
Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	over 90%

Power	
Power Input	DC 9~60V
Optional Power	DC 9~60V + Ignition / VCC Power
Power Consumption	MAX : 16W

Mechanical	
Construction	Engineering Plastic front/rear bezel
Mounting	Support VESA mount 75 x 75, RAM Mount (2.25" Rubber Ball "D" Size)
Cooling system	Fanless
Ingress protection	Complete IP65
Dimensions	269 x 210 x 42 mm
Net Weight	1.5 kg

Environmental	
Operating Temperature	0~50°C / -20°C~60°C for option
Storage Temperature	-30~70°C
Humidity	10 to 90% @ 40°C, non-condensing
Certificate	CE/FCC Class A, E-Mark (E13)

Operating System Support	
Android 11	

Ordering Information	
10.1" WXGA total IP66 design plastic panel PC, NXP iMX8M Quad Plus Processor, DDR4 4GB on board, 32GB eMMC, ISOBUS connectors, with projected capacitive touch, wide range 9~60V DC power input	



Dimensions

