Transportation Panel PC Windows Vehicle Mounted Touch Computers
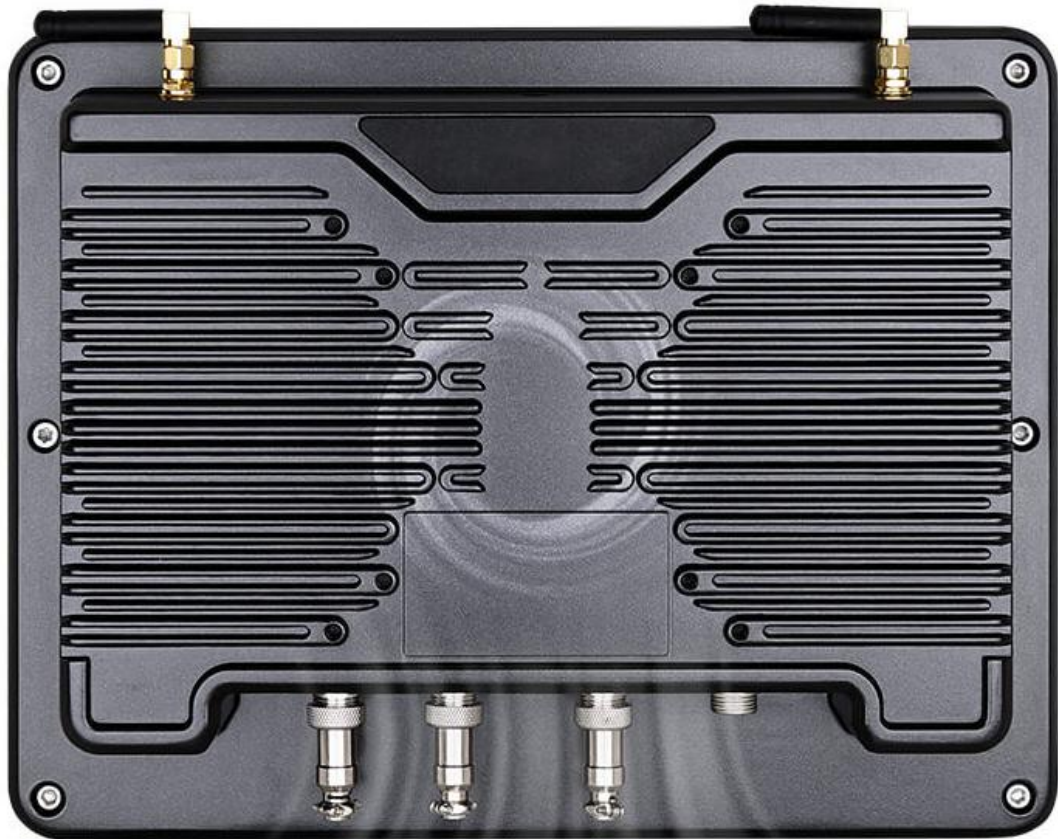
Size: 10.1"

10.1" vehicle-mounted industrial-grade touch panel computer for heavy-duty applications.

Model: SD101-W-CZ10

This SD-OMEGA vehicle-mount touch computer is built on the X86 platform and is suitable for offering touch control and display functions for forklifts, AGVs in smart warehouses, or dispatching consoles in cranes, mining cars, and high-speed railways trains. It is engineered for harsh environments, and withstand extreme temperatures, and vibration to maintain 24/7 continuous operation.

A PERFECT FIT FOR WAREHOUSE VEHICLES, MINING TRUCKS, TRAIN DISPATCHING CONSOLES - SD101-W-CZ10

This vehicle-mounted touch screen computer is built with high-performance computing technology and is compact in the body. It is suitable to be installed in a space-limited driving control room.

Featuring a 10.1-inch display screen, plus a powerful J1900 processor, keeping a fast operating performance, reserved multi I/O connector placement for Peripheral units, such as camera, scanner, etc.

Product Features

• Display: 10.1" 1280*800, 16:10 TFT LCD panel with a PCAP touch screen
• Brightness: 300 NITS LED backlight, with auto-dimming function
• Support Win 7 / Win 8 /Win 10 operating system, Intel J1900 64-bit processer, 2.0 GHz Quad-core CPU, and 2GB RAM+64G SSD (by default).
• Compatible with multi-functional modules, such as fingerprinter recognition, camera, QR scanner, card reader, counting sensor, etc.
• Optional integrated 12-36 VDC; HDMI 4K output; BT4.0.
• Mounting: Wall-mounted, VESA 75mm/100mm, stand or headrest mount
• Operating temperature: -20 to 60 Degrees Centigrade
• IP65 dustproof and waterproof, pure flat panel
• Anti-vibration: Full shockproof robust aluminum alloy casing
• 24/7 long-time running
• Compliance: CE, FCC, RoHS, CCC

10.1" In-vehicle Touch Panel PC

Ture-flat IP65 Dustproof & Waterproof For Outdoor Environments
Industrial-grade Rugged Design For Heavy-duty Applications
Optional CAN Interface To Connect To The Vehicles

Custom OSD On The Front Panel

Aluminum Alloy Housing, Resistant To Corrosion Resistant, High/Low-Temperature Resistant.

Support Multi-Functional Modules Customization

Abundant Interfaces, Compatible With 99% Industry Software

Fingerprint recognition

Camera

Code scanner

Card reader

Temperature and humidity sensor (USB or serial port)

Counting sensor

Flow sensor

Infrared sensor

Weighing sensor

Multi Installation Methods Available

Wall-mounted, VESA 75/100mm, Rotatable Stands Mount

Spec Item	Description
Display & Configuration	
LCD Panel	10.1" TFT LCD; 1280*800
CPU	Intel Celeron J1900 Quad-core (i3/i5/i7 optional)
SSD	32G (64/128/256/512G optional)
DDR3	1333/1600M default with 2G (4G/8G optional)
Chipset	Intel Bay Trail SOC chipset
Operating System	Windows 7/8/10, Linux, Ubuntu
Graphics Card	Integrated HD Graphics

3G/4G Modules	Support
Wifi	2.4G/5G (dual-band 2.4/5G optional)
Speaker	Dual-speaker
Bluetooth / GPS / MIC	Optional
RTC / Wake On LAN /	Support
Touchscreen	Capacitive
Front Bezel	IP65, NEMA 4 protection, aluminum alloy housing
Backlight MTBF(hrs)	50000
Contrast	600:1
Brightness	300 nits (High brightness above 400cd/m2 can be customized)
Viewing Angle	170°/170° (178° full viewing angle can be customized)
Response Time	6.5ms
Mounting Types	Wall-mounted, VESA 75/100mm, Headset, stand
Interfaces	
DC port	1*waterproof aviation connector (GX12-3 core)
USB 2.0	1*waterproof aviation connector (GX12-4 core)
COM	2*waterproof aviation connector (GX12-4 core)
Speaker	Support (2*8Ω2W)
Environment	
Operating Temperature	-10 °C ~ 60 °C (-30 °C ~ 80° C can be customized)
Storage Temperature	-40 °C ~ 85 °C
Humidity	20%-95%, non-condensing
Power Supply	
Power Consumption	≤35W
Power Input	AC 100-240V 50/60Hz, CCC, CE certification approved
Power Output	DC12V / 5A