JPD-1501

15″ LED rugged panel PC

Features

- Atom D525 low power platform, supporting DDR3 memory;
- 15″ LED screen, with 5-wire resistive touch screen as standard configuration;
- Multiple COM ports design, I/O ports can be aviation connectors or commercial connectors (optional);
- Three-proof treatment for the electronic components, excellent EMC performance;
- Fully sealed fanless design, suitable for ship-borne, vehicle-mounted applications and other harsh industrial environments.

Specifications

Display

Size	15″ LED screen
Maximum resolution	1024*768
Brightness	≥350cd/m2
Contrast ratio	≥350:1

Touch screen	5-wire resistive touch screen

System configuration

Processor	Onboard Intel® Atom™ D525 1.8G
Chipset	Intel® Atom™ +ICH8M
Memory	Onboard 2G DDR3 800 memory

I/O ports

LAN port	1 x 1000Mbps LAN port
COM port	2 x RS232
Parallel port	/
USB	2 x USB2.0
PS/2	1 x PS/2 port
VGA	/
Audio	/
Others	1 x power connector

Storage	Supports 1 x 2.5-inch HDD or SSD, 1 x CF card slot, CF Type II
Expansion	Supports PCI-104, Mini-PCIe

Mechanical performance

Anti-vibration	5-17Hz/1mm amplitude; 17-200Hz/1.5g peak-peak acceleration
Anti-shock	10G peak-peak acceleration, 11ms duration
EMC	Passed GB 9254-2008 Class A
Protection grade	IP66 for the PC
Reliability	MTBF≥50000h
Maintainability	≤0.5h

Operating temperature	−0℃~55℃
Storage environment	-20℃~60℃
Alternating temperature humidity	95% @ 40℃, 48h (non-condensing)
Power supply	220V AC input
Weight	≤7.0kg
Dimensions (W×H×D)	400 mm×320 mm×80mm

Ordering Information

Part Number	Model Number	Description
0010-040871	JPD-1501	Intel Atom/D525 1.8G/DDR3 1G/SSD 16G

The images are for reference only, and all product specifications are subject to change without notice.