



ICD1500PCB

15" 400 cd/m² XGA Fanless Panel PC with two PCI expansion slots, Intel® Atom™ D525 1.8GHz CPU, 1GB DDR3 RAM, 2M camera, microphone, touch screen, R11



**Combo Gigabit LAN
(SFP Fiber/RJ-45)**

- Robust aluminum with IP 64 compliant front bezel design
- 5-wire resistive touch
- Intel® Atom™ D525 1.8GHz dual-core with fan-less design
- 15" 400 nits LED backlight panel with 1024 x 768 resolution
- Two USB 3.0, two USB 2.0 and five COM ports available
- Flexible expansion interface (two PCI slots or one PCI slot + one PCIe slot)
- Optional 4-channel video/audio capture card and Wi-Fi (802.11 b/g/n) available
- Built-in 1.3-megapixel webcam with autofocus, auto enhancement and auto white balance
- Dual combo (10/100/1000BASE-T(X) or 1000 baseSFP slot) gigabit LAN ports



Specification

Display	LCD Size	15"
	Max Resolution	1024(W) x 768(H)
	Brightness (cd/m ²)	400
	Contrast Ratio	500 : 1
	LCD Color	16.2M
	Pixel Pitch (mm) (HxV)	0.1095(H) x 0.1095(V)
	Viewing Angle (V/H)	160° / 140°
	Backlight MTBF (hrs)	50000
	Touch Screen	Resistive Type 5-Wire with RS-232 interface
Touch Controller	DMC 9000	
Motherboard	SBC	PPCMB-5152A-D525
	CPU	Intel® Atom™ D525 1.8GHz dual core processor
	Chipset	Intel® ICH8M
	RAM	One 204-pin DDR3 SO-DIMM slot (Max.4GB)
	Ethernet	Realtek RTL8111E PCIe GbE controller supporting ASF 2.0
	Audio Codec	Realtek ALC888 audio codec
I/O Ports and Switches	2 x RS-232 (DB-9 connector) 1 x RS-232 or RS-422/485 (DB-9 connector) 2 x RS-422/485 (RJ-45 connector) 2 x USB 2.0 connector VGA port (DB-15 connector) 2 x Audio jacks (line-out, Mic) 2 x USB 3.0 connector AT/ATX switch 2 x Combo (SFP / RJ-45) Gigabit LAN 4-channel video / audio capture (optional)	
Drive Bay	HDD Driver Bay	2.5" SATA HDD ba
	SSD	CF Type II socket
	CD-ROM Driver Bay	N/A
Expansion Slot	Two PCI slots or one PCI slot plus one PCIe x1 slot Burglar-proof internal USB 2.0 port	
Physical	Front Panel Construction	Aluminum
	Chassis Construction	Heavy duty steel (SECC)
	Mounting	Panel, Wall, Rack, Stand and Arm (VESA 100 mm x 100 mm)
	Front Panel Color	Silver, Paint Tone PMS 8401C
	Dimensions (WxHxD) (mm)	422 x 331 x 80
	Cut Out Dimensions (WxH)	390 x 290
Net / Gross Weight	6.5 kg/ 8.8 kg	
System Cooling	Fanless	
Environment	Operation Temperature	-20°C ~ 50°C
	Storage Temperature	-20°C ~ 70°C
	Vibration	MIL-STD-810F 514.5C-2 (with CF card or SSD)
	Shock	Half-sine wave shock 3G; 11ms; 3 shocks per axis
	IP level	Front Panel IP 64
	Safety & EMC	CE / FCC
Power	Power Adapter	90W power adapter Input: 100VAC~240VAC, 50/60Hz Output: 19V DC
	Power Requirement	9~36V DC Jack 9~36V Terminal Block
	Consumption	50W without add-on card

Options

Item	Description
Panel Mounting Kit	
Wall Mounting Kit	
ARM	
Stand	
Wi-Fi Module Kit	Wi-Fi module with RF cable and antennas, 2T2R, 802.11 b/g/n.(Telec certified)
Capture Card Kit	4-channel video/audio capture card with input panel and cable, PCIe Mini interface, NTSC/PAL
Gigabit Ethernet SFP Module	1Gbps SFP optical transceiver, multi-mode / 550m, 850nm (0 ~ 70°C) / industrial grade (-20 ~ 85°C)
	1Gbps SFP optical transceiver, multi-mode / 2Km, 1310nm (0 ~ 70°C) / industrial grade (-40 ~ 85°C)
	1Gbps SFP optical transceiver, single-mode / 10Km, 1310nm (0 ~ 70°C) / industrial grade (-40 ~ 85°C)
	1Gbps SFP optical transceiver, single-mode / 50Km, 1550nm (0°C ~ 70°C) / industrial grade (-40°C ~ 85°C)
Fiber Cord	Optical connector LC/LC, multi-mode, diameter 62.5/125 μm, length 3m.
	Optical connector LC/LC, single-mode, diameter 9/125 μm, length 3m.
OS: Win XPE (4GB CF Card)	
OS: Win 7 Embedded (4GB CF Card)	

Packing List

Item	Qty	Description
Utility CD	1	Drivers and user manual
One Key Recovery CD	1	
VESA Mounting Screw	4	M4*6 for securing stand bracket
Chassis Screw	4	M3*4 chassis screw for backup
Capture Card Screw	4	M3*5 capture card screw for backup
VESA Fastener	6	
HDD Screw	4	
Pluggable DC-in Terminal Block	1	
RJ-45 to DB9 COM port Cable	2	
Touch pen	1	
IR Remote Controller	1	
Power Adapter	1	FSP090-D2BA1;90~264VAC input;90W;19VDC output
Power Cord	1	1500 mm, European Standard
Power Transfer Cord	1	

Dimensions (Unit: mm)

