

# AFL2-12A-D525

Intel® Atom™ D525 Dual Core Processor



## Features

- » 12.1" 600nits 1024 x 768 flat-bezel LCD with LED backlight
- » Supports projected capacitive touchscreen or 5-wire resistive type touchscreen
- » Built-in two 3W speakers and microphone
- » GbE LAN for high speed network applications
- » One 204-pin DDR3 SO-DIMM slot (system max. 4GB)
- » Wi-Fi 802.11b/g/n high speed wireless
- » EM or Mifare RFID reader
- » IP 64 compliant front panel
- » Auto-dimming control
- » Built-in 2 megapixels webcam with AF AE and AWB capabilities
- » Wide range 9~36 VDC input

## Specifications

Communication	
Wi-Fi	IEEE 802.11b/g/n
Dimensions	
Dimensions	310 x 265 x 52.6
Environment	
Operating Temperature	-20°C~45°C
Storage Temperature	-20°C~60°C
I/O Interface	
I/O Ports and Switches	1 x RS-232 (DB-9)
	1 x RS-232 (RJ-45)
	1 x RS-422/485
	(4-pin box header)
	2 x GbE LAN (RJ-45)
	4 x USB 2.0
	1 x Mini USB 2.0 port on front panel
	1 x Audio jack (line-out)
RAM	Support one 204-pin DDR3 SO-DIMM slot (Max. 4GB)
LCD	
Backlight MTBF	50000 (LED backlight panel)
Brightness (cd/m2)	600
Contrast Ratio	700:1
LCD Color	16.2M
Pixel Pitch (mm)	0.240 (H) x 0.240 (V)
Resolution	1024 x 768
Size	12.1"
Viewing Angle (H-V)	160°/140°
Other Features	
Camera	2 M pixels with low light function
System Cooling	Fanless

Power	
Power Requirement	9~36 VDC
Storage	
Storage	CF Type II socket
	2.5" SATA 3Gb/s SSD bay
	mSATA
System	
Chipset	Intel® ICH8M
CPU	Intel® Atom™ D525 1.8GHz dual core processor
Touch	
Touch Controller	PenMount DMC9000 / EETI EXC7200 & EXC5400
Touch Screen	5-wire rsistive type with RS-232 interface / projected capacitive type with USB interface
Weight	
Weight	3.2Kg
I/O Interface	
I/O Interface	2 x RS-232((DB-9)/(RJ-45))
	1 x RS-422/485((4-pin box header))
	1 x Reset Button
	4 x USB 2.0
	1 x VGA((DB-15))
	2 x LAN(GbE LAN (RJ-45))
	1 x DC Input Jack
	1 x Clear CMOS Button
	1 x Audio((line-out))
	1 x AT/ATX switch
	1 x MicroSD card slot(on front panel)
	1 x Mini USB 2.0(on front panel)
	1 x Power Switch

## Ordering Information

AFL2-12A-D525/PC/2G-R14	12.1" 600cd/m <sup>2</sup> XGA fanless panel PC with Intel Atom D525 dual core 1.8GHz,802.11b/g/n,projective capacitive touchscreen,2 M camera,microphone,2GB DDR3 RAM,R14
AFL2-12A-D525/R/2G-R14	12.1" 600cd/m <sup>2</sup> XGA fanless panel PC with Intel Atom D525 dual core 1.8GHz,802.11b/g/n,resistive touch screen,2 M camera,microphone,2GB DDR3 RAM,R14

## Packing List

1 x Power Adpater	
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