

AFL2-12A 12.1 " Flat-bezel Touch Panel PC



Features Highlight

- 12.1" 600nits 1024 x 768 Flat-bezel LCD with LED backlight
- projected capacitive touchscreen or 5-wire resistive type touch screen
- Build-in two 1.5W speakers and microphone
- Dual GbE LAN for high speed network applications
- One 204-pin DDR3 SO-DIMM slot (system max. 4GB)
- Wi-Fi 802.11b/g/n 2T2R high speed wireless
- EM or Mifare RFID reader
- IP64 compliant front panel
- Auto-dimming control
- Built-in 1.3 Megapixel webcam with AF,AE and AWB capabilities



AFL2-12A is a high performance AFOLUX GEN2 flat-bezel touch panel computer that supports Intel Atom D525 1.8GHz dual-core processor or 2nd Gen Intel mobile Corei 7/ i5/ i3 and Celeron processor, 4GB DDR3 memory, dual Gigabit LAN, three COM ports, four USB ports, optional EM or Mifare RFID reader, built-in Wi-Fi 802.11 b/g/n module; the AFL2-12A-HM65 supports two USB3.0 ports and one HDMI port.

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GS-35F-0496K

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Specifications

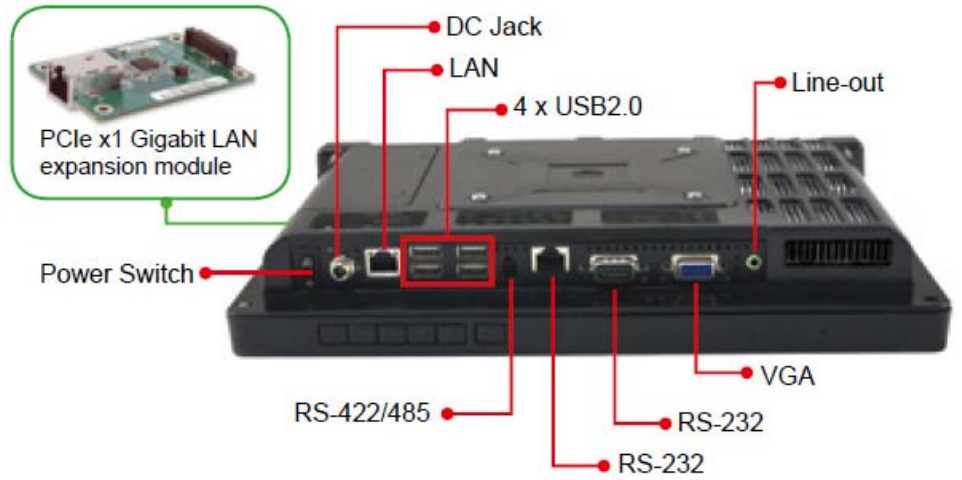
Item No.	AFL2-12A-D525	AFL-2-12A-HM65
Front Bezel	IP 64 ABS + PC Plastic front bezel	
LCD Size	12.1"(4:3)	
Touch Screen	Resistive type 5-Wire or projected capacitive type touch screen	
Resolution	1024 x 768	
Brightness	600 nits	
Contrast Ratio	700:1	
LCD Color	16.2M	
Pixel Pitch(mm)	0.240(H) x 0.240(V)	
Backlight MTBF	50,000 hrs(LED Backlight)	
Viewing Angle(H/V)	176°/176°	
Chipset	Intel® ICH8M	Intel® HM65
CPU Processor	Intel® Atom™ D525 1.8GHz dual core processor	2nd Gen Intel® Core™i7/ i5/ i3 and Celeron® processor
System Memory	Support one 204-pin DDR3 SO-DIMM slot (max. 4GB)	
I/O Connector	1 x RS-232 (DB-9 connector) 1 x RS-232 (RJ-45 connector) 1 x RS-422/485 (4-pin box header) 2 x GbE Ethernet 4 x USB 2.0 1 x Mini USB 2.0 port Audio jack (line-out) VGA port SD card slot Power switch, AT/ATX switch, Reset button Clear CMOS button, DC input jack	1 x RS-232 (DB-9 connector) 1 x RS-232 (RJ-45 connector) 1 x RS-422/485 (4-pin box header) 2 x GbE Ethernet 2 x USB 3.0, 2 x USB2.0 1 x Mini USB 2.0 port Audio jack (line-out) HDMI port SD card slot Power switch, AT/ATX switch, Reset button Clear CMOS button, DC input jack
SSD	CF Type II socket	N/A
Drive Bay	1 x 2.5" SATA 3Gb/s HDD bay	1 x 2.5" SATA 6Gb/s HDD bay
Expansion Slot	1 x PCIe x1 expansion interface for LAN card expansion 1 x PCIe Mini slot for Wi-Fi, 1 x PCIe Mini slot reserved	
Other Features	1.3 M pixels with low light function EM 125 KHz or Mifare 13.56 MHz card reader (optional), MSR card reader (optional)	
Wireless Connection	1 x Wireless LAN 802.11 b/g/n Module (Internal PCIe mini card interface)	
Audio	AMP 1.5W+AMP 1.5W(internal speaker)	
Power Supply	60W Power Adapter, Input: 100VAC~240VAC @ 50/60Hz, Output: 19VDC	90W Power Adapter, Input: 100VAC~240VAC @ 50/60Hz, Output: 19VDC
Power Requirement	9 ~ 36 VDC	
Power Consumption	19V@2.2A (Intel® ATOM™ D525 CPU with 2GB DDR3 memory)	19V@2.68A (Intel® Core™ i5-2510E CPU with 4GB DDR3 memory)
Mounting	Supports Panel, Wall, Rack, Stand or Arm VESA 100 x 100mm	
Operation Temperature	-4°F ~ 122°F (-20°C ~ 50°C)	
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	
Dimensions(WxHxD)	12.2" x 10.43" x 2.07" (310 x 265 x 52.6 mm)	
Weight	7.04 lbs(3.2kg)	8.36 lbs(3.8kg)
EMC & Safety	CE, FCC	

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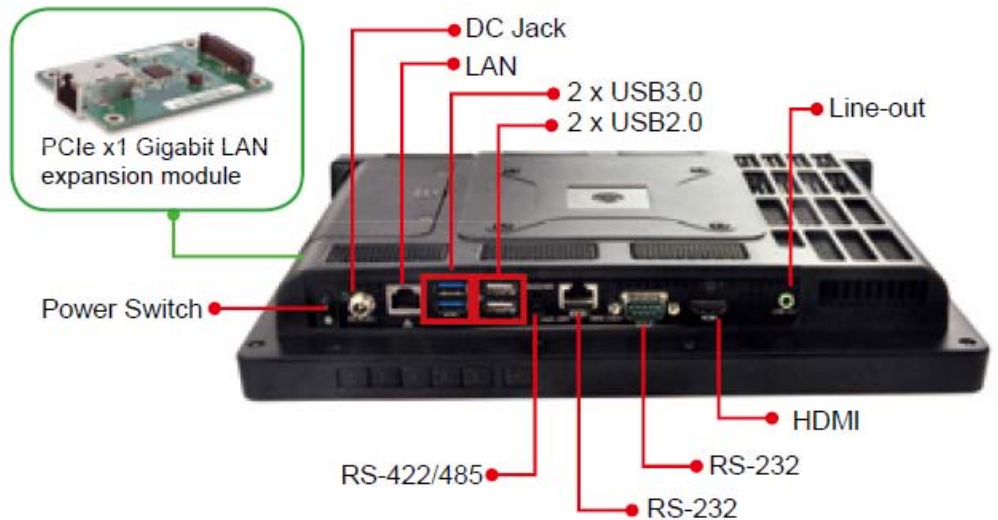


Detail Views

AFL2-12A-D525
Touch Panel PC
I/O View



AFL2-12A-HM65
Touch Panel PC
I/O View



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Detail Views

Options

Item	AFL2-12A-D525	AFL2-12A-HM65
Panel Mounting Kit	AFLPK-15	
Wall Mounting Kit	AFLWK-19/AFLWK-19B	
Rack Mounting Kit	AFL2RK-12	
ARM	ARM-11-RS	
Stand	STAND-A12/ STAND-A19/ STAND-B19/ STAND-C19/ STAND-210-R11	
V-Stand	VSTAND-A12	
Hybrid Card Reader Kit	AFL2P-12AMSI-U-R10	
Bluetooth Module Kit	AFL2-BT-KIT01-R10	
Magnetic Stripe Reader Kit	AFL2P-12AMSR-U-R10	
OS: Win CE 6.0 (128MB CF Card)	AFL2CF-12-D525-CE060-128M-R10	AFL2-12-HM65-CE060-R10*
OS: Win XPE (2GB CF Card)	AFL2CF-12-D525-XPE-2G-R10	AFL2-12-HM65-XPE-R10*
OS: Win XPE (4GB CF Card)	AFL2CF-12-D525-XPE-4G-R10	AFL2-12-HM65-XPE-R10*
OS: Linux (2GB CF Card)	AFL2CF-12-D525-LNX-2G-R10	AFL2-12-HM65-LNX-R10*
OS: Win 7 Embedded (4GB CF Card)	AFL2CF-12-D525-WESTP-4G-R10 AFL2CF-12-D525-WESTE-4G-R10	AFL2-12-HM65-WESTP-R10* AFL2-12-HM65-WESTE-R10*

Packing List

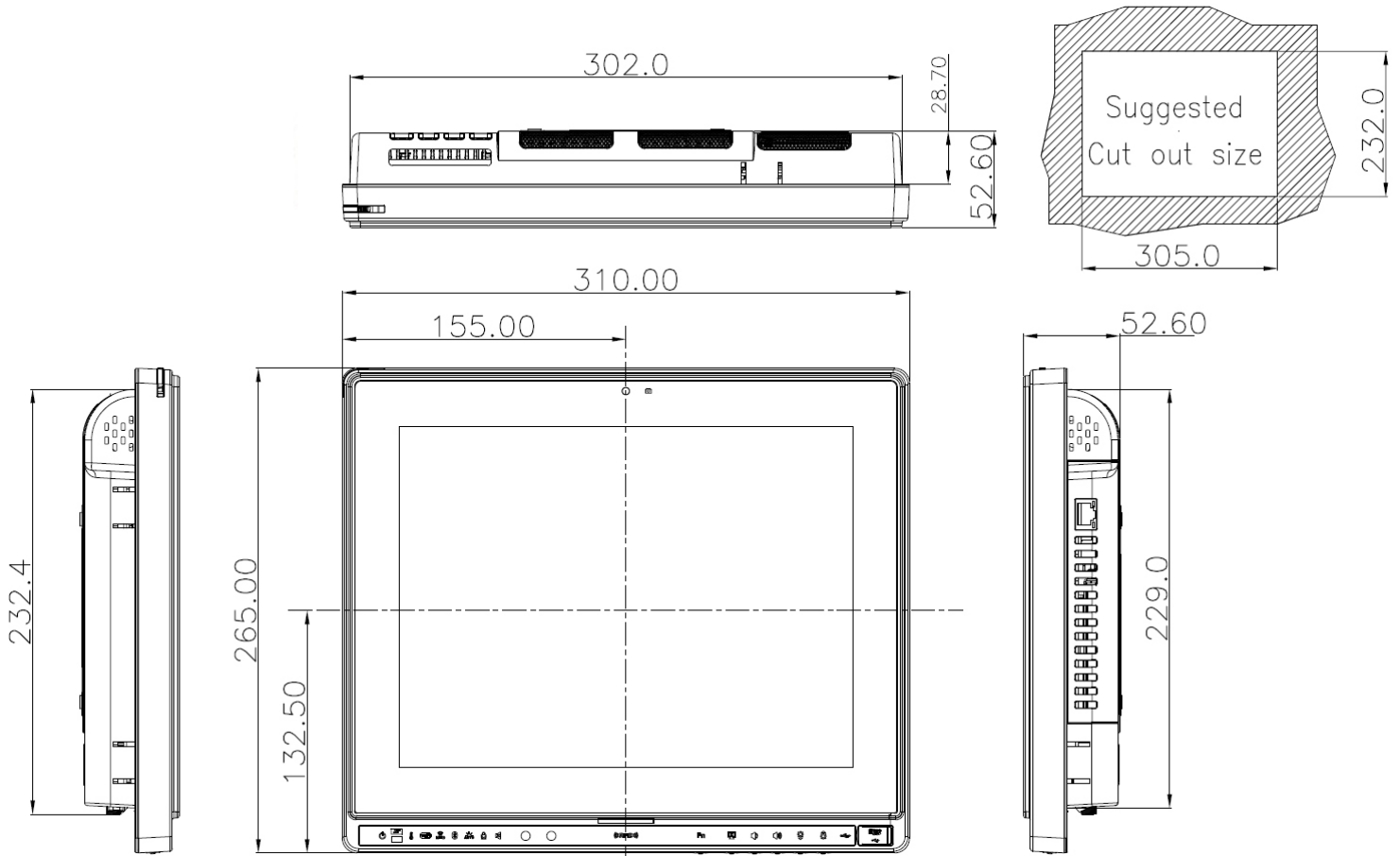
Item	P/N	Q'ty	Description
Utility CD		1	Drivers and user manual
One Key Recovery CD		1	
Power Adapter	63040-010065-010-RS (for AFL2-12A-D525) 63040-010090-030-RS (for AFL2-12A-HM65)	1	FSP065-RAB;90~264VAC input ; 65W ;19VDC output FSP090-D2BA1;90~264VAC input ; 90W ;19VDC output
Power Cord	32702-000401-100-RS	1	1500 mm, European Standard
Power Transfer Cord	32702-000300-100-RS	1	
M3 Screw Pack	44013-030041-RS	4	M3*4 for securing HDD
M4 Screw Pack	44403-040061-RS	4	M4*4 VESA screw
Touch Pen	43125-0002C0-00-RS	1	
RJ-45 to DB-9 COM Port Cable	32005-000200-200-RS	1	
IR Remote Controller	7Z000-SLPCB005-RS	1	
RS-422 Cable	32205-002400-100-RS	1	

AFL2-12A-D525 12.1 "

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Mechanical Drawing



AFL2-12A-HM65 12.1 " Flat-bezel Touch Panel PC



Mechanical Drawing

