

AFL-15i(E)-HM55 15" TFT LCD Touch Panel PC



Features Highlight

- 15" multi-functional panel PC with touchscreen
- Powered by high performance Intel® mobile Core™ i7/i5/i3 and Celeron® processor with Intel® HM55 chipset
- System memory supports DDR3 SDRAM SO-DIMM up to 8 GB
- HDMI/VGA port delivers high image quality on the second display
- 802.11 b/g/n high speed wireless



AFL-15i(E)-HM55 touch panel computer is designed to provide cost-effective and versatile solutions for a wide variety of industrial and commercial applications enabling you to fully maximize your business potential.

The streamline AFL-15i(E)-HM55 all-in-one touch panel PC with stable wireless LAN connectivity that enables the exchange of information and communication between administrators and clients through thin, low power consumption with portable designs fit with many circumstance. With built-in HDMI Port for digital display, it defines a new license-free, royalty-free, digital audio/video interconnect, intended to be used primarily between a computer and its display monitor, or a computer and home theater system. Wide range of mounting options can easily be implemented in a diverse range of application.

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GS-35F-0496K

AFL-15i(E)-HM55 15" TFT LCD Touch Panel PC



Specifications

Item No.	AFL-15i-HM55	AFL-15iE-HM55
Front Bezel	IP64 ABS + PC Plastic Front Frame	
LCD Size	15"	
Touch Screen	Resistive Type 5-wire (Touch controller IC is on board) or capacitive type touch screen without HDD bay	
Resolution	1024 x 768	
Brightness	400 nits	250 nits
Contrast Ratio	700:1	600:1
LCD Color	262 K	16.7 M
Pixel Pitch (mm)	0.297(H) x 0.297(V)	
Backlight MTBF	50000 hrs	40000 hrs
Viewing Angle(H/V)	140° /125°	160° /160°
Chipset	Intel® HM55	
CPU Processor	Supports Socket G (PGA989A) Intel® Core™ i7/i5/i3 Processor	
System Memory	Supports 2 x 204-pin 800/1066 DDR3 dual-channel SO-DIMMs Memory (max. 8GB)	
I/O Connector	1 x RS-232 COM Port 1 x RS-232/422/485 COM Port 2 x GbE Ethernet 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x Audio Port (Line-Out) 1 x Power Jack 1 x VGA 1 x HDMI Port	
SSD	SATA SSD	
Drive Bay	1 x 2.5" SATA HDD Bay	
Watchdog Timer	Software programmable supports 1~255 sec. system reset	
Audio	AMP 3W + 3W (internal speaker)	
Wireless Connection	1 x wireless Lan 802.11 b/g /n module (internal PCIe mini card interface)	
Membrane Keypad	LCD On/Off, Brightness Up/Down, Volume High/Low (5 keys)	
Power Supply	96W Power Adapter Input: 90 VAC~264 VAC, 50/60 Hz Output: 12 VDC	
Power Consumption	80 W	
Mounting	Supports Panel, Wall, Rack, Stand and Arm VESA 100 mm x 100 mm	
Operation Temperature	32° ~ 122°F (0° ~ 50°C)	
Storage Temperature	-4° ~ 140°F (-20° ~ 60°C)	
Dimensions (WxHxD)	15.51" x 12.17" x 2.6" (394 x 309 x 66 mm)	
Weight	12.79 lbs (5.8 Kg)	
EMC & Safety	CE/FCC/CB/CCC	

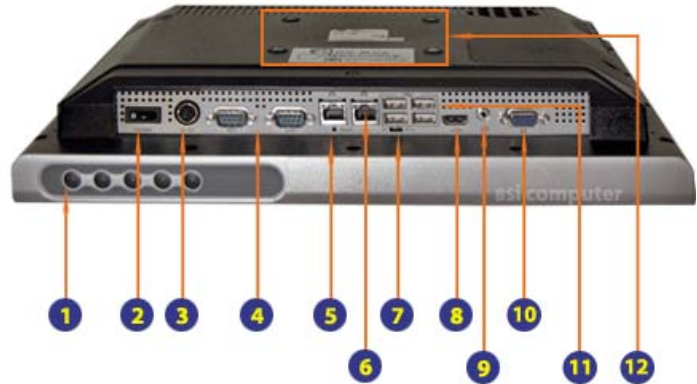
AFL-15i(E)-HM55 15" TFT LCD Touch Panel PC



Detail Views

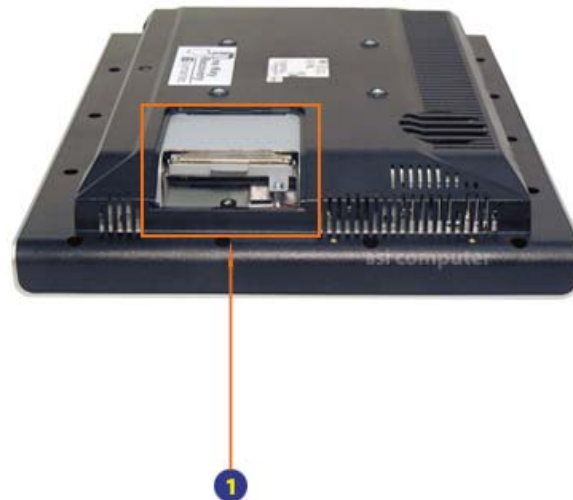
AFL-15i(E)-HM55 Touch Panel PC I/O View

1. Membrane Keypad (LCD on/off, Volume up/down, Brightness up/down)
2. Power Switch
3. 12V DC Input
4. 1 x RS-232
1 x RS-232/422/485
5. Reset Button
6. 2 x RJ-45 Giga LAN
7. AT/ATX switch
8. 1 x HDMI
9. 1 x Line Out
10. 1 x VGA
11. 4 x USB 2.0
12. VESA 100 Mount Holes



AFL-15i(E)-HM55 Touch Panel PC Side View

1. Easily Accessible HDD and SATA Slim SSD



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Detail Views

Options

Model	AFL-15A(E)-N270	AFL-15i(E)-HM55
Panel Mounting Kit	AFLPK-15	AFLPK-15B
Wall Mounting Kit	AFLWK-19	
Rack Mounting Kit	AFLRK-15-R11	N/A
Arm	ARM-11-RS / ARM-31-RS	
Stand	STAND-A19 / STAND-B19 / STAND-POS15 / STAND-210-R11	
OS: Win CE 5.0 (128 MB CF card)	--	--
OS: Win CE 6.0 (128 MB CF card)	AFLCF-15-N270-CE060-R21	--
OS: Win XPE (1 GB CF card)	AFLCF-15-N270-XPE-R21	AFLSD-15-HM55-2G-XPE-R12 (2GB SATA SSD)
OS: LINUX (2 GB CF card)	AFLCF-15-N270-LNX-R21	--
OS: Win 7 Embedded (2GB CF card)	AFLCF-15-N270-WES7E-R21	AFLSD-15-HM55-4G-WES7E (4GB SATA SSD)
Hybrid Card Reader	AFLP-17AMSI-U	
Magnetic Stripe Reader	AFLP-17AMSR-U	
DC 12V Input UPS	AUPS-B10-R10 (14.8V 3800mAH)	
DC 9-36V Input UPS	AUPS-B20-R10 (14.8V 3800mAH)	
Bluetooth V2.0+EDR	AFL-BT-KIT04-R10	AFL-BT-KIT01-R10

Packing List

Item	Part Number	Q'ty	Specification
Screw Pack	44013-030041-RS	4	M3;5mm
Power Adpater	63040-010060-030-RS 63040-010060-050-RS 63040-010096-010-RS	1	90~264V AC; 12V DC; 60W (15A(E)-LXPOS) 90~264V AC; 12V DC; 60W (15A-915, 15A-N270) 90~264V AC; 12V DC; 96W (15C-965, 15i-HM55)
Power Cord	32000-000002-RS	1	1750mm; European Standard
Utility CD	7B000-000087-RS	1	
Touch Pen	43125-0002C0-00-RS	1	
One Key Recovery CD		1	

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Mechanical Drawing

