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**15" XGA AFOLUX Panel PC**

Intel® Core™ i7/i5/i3/Celeron® Processor

AFL-15i-HM55

***Specifications***

***Features***

* Intel® Core i7-620M CPU with Intel® HM55 chipset
* DDR3 1066MHz system memory up to 4GB
* HDMI/VGA port delivers high quality image on the second display
* IEI One Key Recovery solution allows you to create rapid OS backup and recovery (over 4GB storage capacity is suggested)





***Display System***

|  |  |
| --- | --- |
| **Model** | **AFL-15i-HM55** |
| LCD Size | 15” |
| Max Resolution | 1024 x 768 |
| Brightness (cd/m²) | 450 |
| Contrast Ratio | 700:1 |
| LCD Color | 16.7M |
| Pixel Pitch (mm) | 0.297(H) x 0.297(V) |
| Viewing Angle (H-V) | 160º/150º |
| Backlight MTBF | 50000 hrs (LED backlighting) |
| SBC Model | AFLMB2-HM55-R10 |
| CPU | Intel® Core™ i7/i5/i3/Celeron® Processor |
| Chipset | Intel® HM55 |
| RAM | Two 204-pin 800/1066MHz DDR3 dual-channel SO-DIMMs supported (Max. 8GB) |
| I/O Ports | 1. x RS-232 COM Port   1 x RS-232/422/485 COM Port   1. x RJ-45 for Giga LAN 4 x USB 2.0   1 x Power Switch 1 x Reset Button  1 x Audio Port (Line-out) 1 x VGA  1 x Power Jack 1 x HDMI Port |
| Storage | 1 x 2.5” SATA HDD bay |
| Watchdog Timer | Software programmable supports 1~255 sec. system reset |
| Audio | AMP 3W + 3W (internal speakers) |
| Wireless Connection | 1 x Wireless LAN 802.11b/g/n Module (internal PCIe Mini card interface) |
| Construction Front Panel | ABS + PC Plastic front frame |
| Membrane Keypad | LCD on/off, Brightness up/down, Volume up/down (5 keys) |
| LED Function | 1 x Power on/off LED on front panel |
| Mounting | Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm |
| Front Panel Color | Sliver (877U) & Gray (ABSA2037) |
| Dimensions (WxHxD) (mm) | 394 x 309 x 66 |
| Operation Temperature (°C) | 0°C~50°C |
| Storage Temperayure (°C) | -20°C ~ 60°C |
| N/G Weight | 5.8 Kg |
| IP Level | Front Frame IP64 |
| Touch Screen | Resistive Type 5-Wire |
| Power Adapter | P/N: 63040-010096-100-RS  96W Power Adapter (Meet PSE) Input: 90VAC~264VAC, 50/60Hz  Output: 12VDC |
| Power Requirement | 12VDC |
| Power Consumption | 80W |

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***Ordering Information***

|  |  |
| --- | --- |
| **Part Number** | **Description** |
| AFL-15i-HM55-P45/R/1G-R30 | 15" 450cd/m² XGA LED backlighting panel PC with Intel® Celeron P4500 1.86G CPU, 1GB DDR3 RAM, 802.11b/g/n wireless module, touch screen, R30 |
| AFL-15i-HM55i3-35/R/2G-R30 | 15" 450cd/m² XGA LED backlighting panel PC with Intel® Core™ i3-350M 2.26G CPU, 2GB DDR3 RAM, 802.11b/g/n wireless module, touch screen, R30 |
| AFL-15i-HM55i5-52/R/2G-R30 | 15" 450cd/m² XGA LED backlighting panel PC with Intel® Core™ i5-520M 2.4G CPU, 2GB DDR3 RAM, 802.11b/g/n wireless module, touch screen, R30 |
| AFL-15i-HM55i7-62/R/2G-R30 | 15" 450cd/m² XGA LED backlighting panel PC with Intel® Core™ i7-620M 2.66G CPU, 2GB DDR3 RAM, 802.11b/g/n wireless module, touch screen, R30 |

***ISMM Supported Functions***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Voltage** | **Fan** | **Smart Fan** | **Temperature** | **WDT** | **Cash Drawer** |
| AFL-15i-HM55 | V | V | V | V | V |  |

***Packing List***

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Part Number** | **Q’ty** | **Specification** |
| Screw Pack | 44013-030041-RS | 4 | M3;5mm |
| Power Adpater | 63040-010060-110-RS | 1 | 90~264V AC; 12V DC; 96W (Meet PSE) |
| 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 |  |

***Options***

|  |  |
| --- | --- |
| **Model** | **AFL-15i-HM55** |
| Panel Mounting Kit | AFLPK-15B |
| Wall Mounting Kit | AFLWK-19B |
| Rack Mounting Kit | AFLRK-15i-R10 |
| Arm | ARM-11-RS / ARM-31-RS |
| Stand | STAND-A19-RS / STAND-A21-R10-R10 / STAND-210-R11 |
| OS: Win XPE | AFLSD-15-HM55-2G-XPE-R21 (w/o storage) |
| OS: Win 7 Embedded | AFL-15i-HM55-WES7E-R21 |
| 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) |

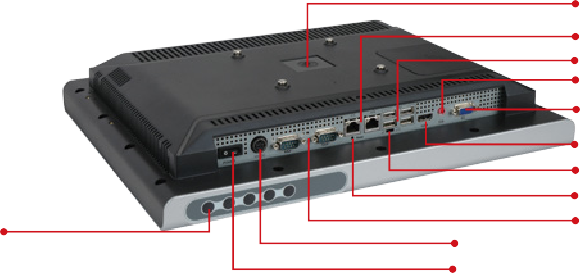
***Fully Integrated I/O***

Membrane Keypad

* + LCD on/off • Brightness up

12 V DC Input

VESA 100 x 100

2 x RJ-45 Giga LAN

4 x USB 2.0

1 x Line-out

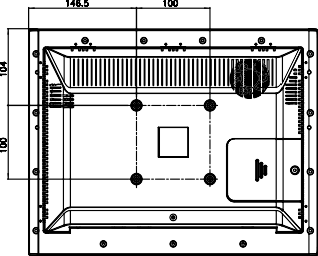
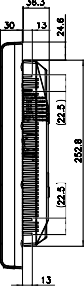
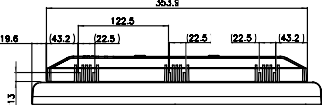
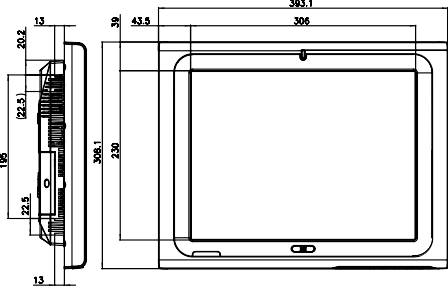
1 x VGA

1 x HDMI

AT/ATX Switch

Reset Button 1 x RS-232

1 x RS-232/422/485

* Volume up • Brightness down • Volume down Power Switch



***Display System***



***AFL-15i***

***Dimensions (Unit: mm)***