

8.4" SVGA AFOLUX Panel PC

**AFL-08AH-LX**

AMD Geode™ LX 800 500 MHz Processor

**AFL-08AH-N270**

Intel® Atom™ N270 1.6GHz Processor

**AFL-08A-N26**

Intel® Atom™ N2600 1.60 GHz Processor



**Features**

- 8.4" TFT LED Backlight LCD with resistive touch screen
- 9V~28V wide range DC power input (for Intel® N2600 platform)
- Fanless cooling system
- Selectable AT/ATX power mode
- System memory up to 2GB SDRAM
- Built-in 802.11b/g/n Wireless LAN
- Built-in speakers
- One CompactFlash® slot
- IP 64 compliant front panel
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery (Suggest over 4GB storage capacity)



**Specifications**

| Model                           | AFL-08AH-LX   | AFL-08AH-N270   | AFL-08A-N26  |
|---------------------------------|---|---|--|
| LCD Size                        |   | 8.4"  |  |
| Max Resolution                  |   | 800 x 600   |  |
| Brightness (cd/m <sup>2</sup> ) |   | 450   |  |
| Contrast Ratio                  |   | 600:1   |  |
| LCD Color                       |   | 262K  |  |
| Pixel Pitch (mm)                |   | 0.213 (H) x 0.213 (V)   |  |
| Viewing Angle (H-V)             |   | 160° / 140°   |  |
| Backlight MTBF                  |   | 50000 hrs (LED Backlight)   |  |
| SBC Model                       | AFLMB-LX-800  | AFLMB-945GSE-N270-R10   |  |
| CPU                             | AMD Geode™ LX 800 (500MHz)  | Intel® Atom™ N270 1.6GHz CPU  | Intel® Atom™ N2600 dual core 1.6 GHz CPU   |
| Chipset                         | AMD LX 800 + AMD CS5536   | Intel® 945GSE + ICH7M   | Intel® NM10  |
| RAM                             | Supports one 400MHz or 533MHz DDR SO-DIMM (Max. 1GB)  | Supports one 400MHz or 533MHz DDR2 SO-DIMM (Max. 2GB)   | One 800 MHz 204-pin DDR3 SO-DIMM slot (Max. 2GB) pre-installed with 2GB  |
| I/O Ports                       | 1 x RS-232 COM Port<br>1 x RS-232/422/485 COM Port<br>2 x RJ-45 for 10/100Mbps LAN<br>2 x USB 2.0<br>1 x Power Switch<br>1 x Reset Button<br>1 x Power Jack | 1 x RS-232 COM Port<br>1 x RS-232/422/485 COM Port<br>2 x RJ-45 for GbE<br>2 x USB 2.0<br>1 x Power Switch<br>1 x Reset Button<br>1 x External SATA<br>1 x Audio Port<br>1 x Power Jack | 1 x 9-28V lockable DC Jack<br>1 x RJ-45 for RS-232<br>1 x RS-232/422/485<br>1 x VGA<br>2 x GbE LAN<br>2 x USB 2.0<br>1 x Power switch<br>1 x Reset button<br>1 x AT/ATX switch<br>1 x Line out |
| Storage                         |   | CF Type II  | mSATA  |
| Watchdog Timer                  |   | Software programmable supports 1~255 sec. system reset  |  |
| Audio                           |   | AMP 1.5W + 1.5W (internal speaker)  | AMP 2W + 2W (internal speaker)   |
| Wireless Connection             | 1 x Wireless LAN 802.11 b/g Module (internal Mini PCI interface)  | 1 x Wireless LAN 802.11b/g/n Module (internal PCIe Mini card interface)   | 1 x Wireless LAN 802.11b/g/n Module (internal PCIe Mini card interface) Telec certified  |
| Construction Front Panel        |   | ABS + PC Plastic front frame  |  |
| LED Function                    |   | 1 x Power on/off LED on front panel   |  |
| Mounting                        |   | Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm   |  |
| Front Panel Color               |   | Gray 7539U  |  |
| Dimensions (WxHxD) (mm)         |   | 234 x 184 x 42  |  |
| Operation Temperature (°C)      | 0°C ~ 50°C  | -10°C ~ 50°C  | -10°C ~ 50°C   |
| Storage Temperature (°C)        |   | -20°C ~ 60°C  |  |
| N/G Weight                      |   | 0.8 Kg  |  |
| IP Level                        |   | IP 64 compliant front panel   |  |
| Safety & EMC                    |   | CE / FCC  |  |
| Touch Screen                    |   | 4-Wire Resistive Type (touch controller IC is on board)   |  |
| Power Adapter                   | P/N: 63040-010036-111-RS<br>36W Power Adapter (Meet PSE)<br>Input: 90VAC~264VAC, 50/60Hz<br>Output: 12VDC   | P/N: 63040-010036-111-RS<br>36W Power Adapter (Meet PSE)<br>Input: 90VAC~264VAC, 50/60Hz<br>Output: 12VDC   | P/N: 63040-010036-121-RS<br>36W Power Adapter (Meet PSE)<br>Input: 90VAC~264VAC, 50/60Hz<br>Output: 12VDC  |
| Power Requirement               | 12VDC   | 12VDC   | 9-28V DC   |
| Power Consumption               | 20W   | 29W   | 29W  |

## Ordering Information

| Part Number            | Description  |
|------------------------|--|
| AFL-08AH-LX/R/512-R23  | 8.4" 450 cd/m <sup>2</sup> , SVGA fanless panel PC with AMD LX-800 CPU, AT/ATX mode, 802.11b/g Wireless Module, Touch screen and 512MB DDR RAM, R23  |
| AFL-08AH-N270/R/1G-R24 | 8.4" 450 cd/m <sup>2</sup> , SVGA fanless panel PC with Intel® Atom™ N270 1.6GHz, 802.11b/g/n wireless module, touch screen, 1GB DDR2 533MHz, R24    |
| AFL-08A-N26/R/2G-R11   | 8.4" 450cd/m <sup>2</sup> , SVGA fanless panel PC with Intel® Atom™ N2600 dual core 1.6GHz, 802.11b/g/n wireless module, touch screen, 2GB DDR3, R11 |

## ISMM Supported Functions

|               | Voltage | Fan | Smart Fan | Temperature | DIO | WDT | Cash Drawer |
|---------------|---------|-----|-----------|-------------|-----|-----|-------------|
| AFL-08AH-LX   | V       |     |           | V           |     | V   |             |
| AFL-08AH-N270 | V       |     |           | V           |     | V   |             |
| AFL-08AH-N26  | V       |     |           | V           |     | V   |             |

## Packing List

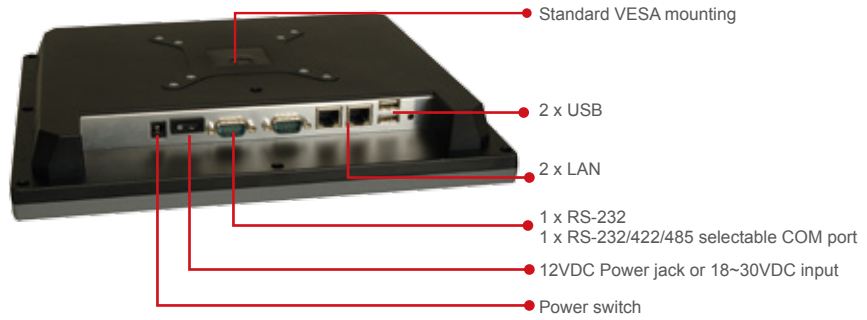
| Item                          | Part Number  | Q'ty | Specification   |
|-------------------------------|--|------|---|
| Screw Pack                    | 44013-030041-RS  | 4    | M3,5mm  |
| Power Adpater                 | 63040-010036-111-RS (for AFL-08AH-N270/AFL-08AH-LX)<br>63040-010036-121-RS (for AFL-08A-N26) | 1    | 90~264V AC; 12V DC; 36W (Meet PSE)                                      |
| Power Cord                    | 32000-000002-RS  | 1    | 1750mm; European Standard (EU or US, depending on the shipment country) |
| Utility CD                    | 7B000-000087-RS  | 1    |   |
| Touch Pen                     | 43125-0002C0-00-RS   | 1    |   |
| One Key Recovery CD           |  | 1    |   |
| RJ45 to RS-232 Transfer Cable | 32005-000200-200-RS  | 1    | 300MM; RJ45 to D-SUB 9P transfer cable                                  |

## Options

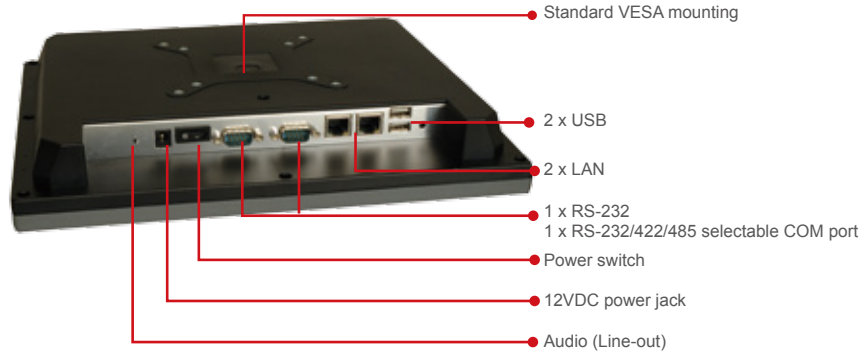
| Model   | AFL-08AH-LX                 | AFL-08AH-N270           | AFL-08A-N26            |
|---|-----------------------------|-------------------------|------------------------|
| Panel Mounting Kit                              | AFLPK-12                    |                         |                        |
| Wall Mounting Kit                               | AFLWK-12                    |                         |                        |
| Rack Mounting Kit                               | AFLRK-08                    |                         |                        |
| Arm   | ARM-11-RS / ARM-31-RS       |                         |                        |
| Stand   | STAND-100-RS                |                         |                        |
| VSTAND  | VSTAND-A10-R11              |                         |                        |
| 9~30VDC to 12VDC Converter Module               | IDD-930160-KIT              |                         |                        |
| OS: Win CE 5.0 (128 MB CF card)                 | AFLCF-08-LX-CE-R21          | --                      | --                     |
| OS: Win CE 6.0 (128 MB CF card)                 | AFLCF-08-LX-CE060-R21       | --                      | --                     |
| OS: Win XPE (1 GB CF card)                      | AFLCF-08-LX-XPE-R21         | AFLCF-07-N270-XPE-R24   | AFL-W07-N26-XPE-R11*   |
| OS: Win 7 Embedded (4 GB CF card or CD-ROM)     | --                          | AFLCF-07-N270-WES7E-R24 | AFL-W07-N26-WES7E-R11* |
| Magnetic Stripe Reader                          | AFLP-08AMSR-U               |                         |                        |
| DC 12V Input UPS                                | AUPS-A10-R10 (7.4V 3800mAH) |                         |                        |
| DC 9~36V Input UPS                              | AUPS-A20-R10 (7.4V 3800mAH) |                         |                        |
| DC jack to terminal block power converter cable | 32002-005500-100-RS         |                         |                        |

\*OS image with CD-ROM

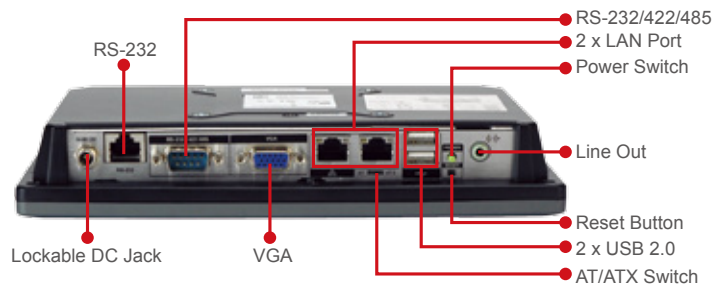
**AFL-08AH-LX**  
Fully Integrated I/O



**AFL-08AH-N270**  
Fully Integrated I/O



**AFL-08A-N26**  
Fully Integrated I/O



**AFL-08AH/AFL-08A**  
Dimensions (Unit: mm)

