

AFL-408A-N270

8.4" SVGA Fanless In-Wall Panel PC

AFL-408B-N270

8.0" SVGA Fanless In-Wall Panel PC

AFL-W410A-N270

Wide 10.2" SVGA Fanless In-Wall Panel PC



Features

1. 8" ~ 15" TFT LCD with resistive touch screen.
2. Fanless system with Intel® Atom™ process N270 1.6GHz CPU
3. Changeable faceplate and sticker skin
4. In-wall mechanism design allows easy to installation in minutes
5. Digital I/O RJ-12 port that provides extension for peripherals such as a cash drawer device, lamp, alarms etc.
6. Build-in CMOS camera with digital microphone and two 1.5W speakers for multimedia applications (Optional)
7. Enabling easier access to the internet through a HSUPA network (Optional)
8. Built-in bluetooth technology rids systems of cables and allows wireless connection to peripheral devices like head phones, keyboard and mouse
9. VESA-mountable for flexibility in mounting and deployment
10. Ambient light sensor detects ambient light for automated screen adjustments to optimize viewing.

Specifications



| Model | AFL-408A-N270-R11 | AFL-408B-N270-R12 | AFL-W410A-N270-R11 | |
|-------------------|---|---|---|---|
| Display | LCD Size | 8.4" | 8.0" | 10.2" |
| | Max Resolution | 800 x 600 | 800 x 600 | 1024 x 600 |
| | Brightness (cd/m ²) | 400 | 250 | 400 |
| | Contrast Ratio | 400 : 1 | 500 : 1 | 400 : 1 |
| | LCD Color | 262K | 262K | 262K |
| | Pixel Pitch (mm) | 0.213(H) x 0.213(V) | 0.2025(H) x 0.2025(V) | 0.2175(H) x 0.2175(V) |
| | Viewing Angle (H-V) | 120° /100° | 140° /130° | 140° /110° |
| | Backlight MTBF (hrs) | 50000 | 30000 | 40000 |
| Motherboard | Intel® Atom™ process N270 1.6GHz CPU | | | |
| | Intel® 945GSE + ICH7M | | | |
| | Supports one 200-pin 2GB (Maximum) 400MHz or 533MHz DDRII SO-DIMM | | | |
| I/O Ports | 1 x RJ-45 for RS232 COM Port | | | |
| | 1 x RJ-45 for RS-232/422/485 COM port | | | |
| | 1 x RJ-45 for Giga LAN | | | |
| | 5 x USB 2.0 (4 in the rear, 1 in front panel) | | | |
| | 2 x Power Switch (Inside Fornt Panel & Rear cover) | | | |
| | 1 x Reset Button | | | |
| | 1 x RJ12 for Digital Input / Output | | | |
| | 1 x Terminal Block for 10~28VDC Input | | | |
| Drive Bay | 1 x VGA Port | | | |
| | HDD Drive Bay | | | |
| | N/A | | | |
| Drive Bay | SSD | | | |
| | CF TypeII | | | |
| | HSUPA Mobile Solution (Optional) | N/A | N/A | 1 x HSUPA Mobile Module (USB Interface) |
| Other Features | Watchdog Timer | | | |
| | Software programmable supports 1~255 sec. System reset | | | |
| | Audio | | | |
| | AMP 1.5W + 1.5W | | | |
| | WiFi | | | |
| | Wireless Lan Module (PCIe Mini Card, 802.11 b/g LAN Module) | | | |
| | Bluetooth | Bluetooth Module (USB Interface V2.0) | N/A | N/A |
| | Webcam and Digital Microphone | Webcam & Mic Function | N/A | N/A |
| Remote Control | 1 x Remote Controller (LCD On/Off; System Power On/Off; Volume; Brightness) | | | |
| LED Function | 1 x Power ON/OFF LED on Front Panel | | | |
| Physical | Construction Material | | | |
| | ABS + PC Plastic front frame | | | |
| | Mounting | | | |
| | Panel, Wall, VESA 75mm x 75mm/ 100mm x 100mm | | | |
| Physical | Front Panel Color | | | |
| | Black/ White/ Gray | | | |
| | Net Weight | 0.8Kg | 0.8Kg | 1.5Kg |
| | Dimension (WxHxD) (mm) | 263.2 x 221.2 x 54.4 | 263.2 x 221.2 x 54.4 | 313.83 x 222.13 x 52.5 |
| Environment | Operation Temperature (°C) | | | |
| | 0°C ~50°C | | | |
| | Storage Temperature (°C) | | | |
| | -20°C ~60°C | | | |
| Environment | IP Level | | | |
| | IP64 | | | |
| | EMC | | | |
| | CE, FCC, CCC | | | |
| Safety | CB | | | |
| | CB | | | |
| Touch Screen | Resistive Type 4-Wire (Touch controller IC is on board) | Resistive Type 4-Wire (Touch controller IC is on board) | Resistive Type 5-Wire (Touch controller IC is on board) | |
| Power Adapter | P/N: 63000-FSP0401ADF03A822-RS Power: 40W Input: 90VAC~264VAC, 50/60Hz Output: 12VDC | | | |
| Power Requirement | 10 ~ 28V DC-IN | 10 ~ 28V DC-IN | 10 ~ 28V DC-IN | |
| Power Consumption | 25W | 25W | 28W | |

AFL-412A-N270

12.1" XGA Fanless In-Wall Panel PC

AFL-415A-N270

15" XGA Fanless In-Wall Panel PC

AFL-415AE-N270

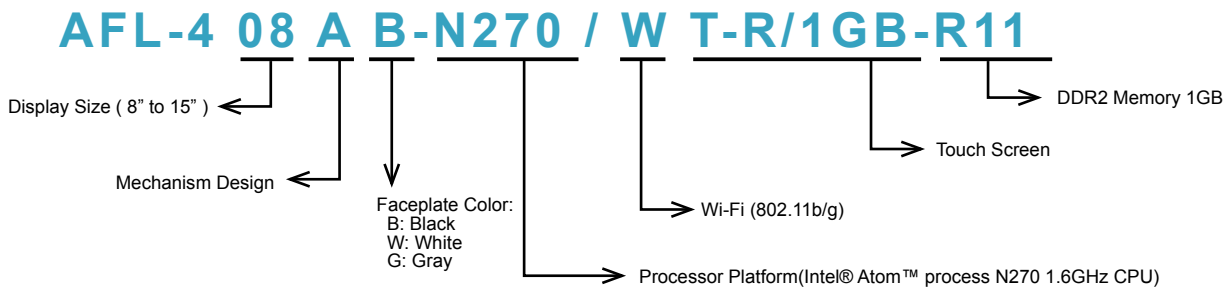
15" XGA Economical Fanless In-Wall Panel PC



Specifications

| Model | AFL-412A-N270-R11 | AFL-415A-N270-R11 | AFL-415AE-N270-R11 |
|-------------------|---|--|----------------------|
| Display | LCD Size | 12.1" | 15" |
| | Max Resolution | 1024 x 768 | 1024 x 768 |
| | Brightness (cd/m²) | 400 | 350 |
| | Contrast Ratio | 500 : 1 | 700 : 1 |
| | LCD Color | 262K | 262K |
| | Pixel Pitch (mm) | 0.240(H) x 0.240(V) | 0.297(H) x 0.297(V) |
| | Viewing Angle (H-V) | 120° /100° | 140° /125° |
| | Backlight MTBF (hrs) | 50000 | 50000 |
| Motherboard | CPU | Intel® Atom™ process N270 1.6GHz CPU | |
| | Chipset | Intel® 945GSE + ICH7M | |
| | RAM | Supports one 200-pin 2GB (Maximum) 400MHz or 533MHz DDRII SO-DIMM | |
| I/O Ports | 1 x RJ-45 for RS232 COM Port | | |
| | 1 x RJ-45 for RS-232/422/485 COM port | | |
| | 1 x RJ-45 for Giga LAN | | |
| | 5 x USB 2.0 (4 in the rear, 1 in front panel) | | |
| | 2 x Power Switch (Inside Front Panel & Rear cover) | | |
| | 1 x Reset Button | | |
| | 1 x RJ12 for Digital Input / Output | | |
| Drive Bay | HDD Drive Bay | 1 x 2.5" SATA HDD bay or Option HSUPA Module | |
| | SSD | CF Typell | |
| | HSUPA Mobile Solution (Optional) | 1 x HSUPA Mobile Module (USB Interface) | |
| | Watchdog Timer | Software programmable supports 1~255 sec. System reset | |
| Other Features | Audio | AMP 1.5W+1.5W | AMP 2W+2W |
| | WiFi | 1 x Wireless Lan Module (PCIe Mini Card, 802.11 b/g LAN Module) | |
| | Bluetooth | 1 x Bluetooth Module (USB Interface V2.0) | |
| | Webcam and Digital Microphone | 1 x Webcam & Mic Function | |
| | Remote Control | 1 x Remote Controller (LCD On/Off; System Power On/Off; Volume; Brightness) | |
| | LED Function | 1 x Power ON/OFF LED on Front Panel | |
| | Construction Material | ABS + PC Plastic front frame | |
| Physical | Mounting | Panel, Wall, VESA 75mm x 75mm / 100mm x 100mm | |
| | Front Panel Color | Black/ White/ Gray | |
| | Net Weight | 1.8Kg | 2.8Kg |
| | Dimension (WxHxD) (mm) | 339 x 276 x 51.6 | 385.7 x 330.7 x 55.5 |
| Environment | Operation Temperature (°C) | 0°C ~40°C with HDD 0°C ~50°C with CF Card or SATA interface 2.5"SSD HDD | |
| | Storage Temperature (°C) | -20°C ~60°C | |
| | IP Level | IP64 | |
| | EMC | CE, FCC, CCC | |
| | Safety | CB | |
| Touch Screen | Resistive Type 5-Wire (Touch controller IC is on board) | | |
| Power Adapter | P/N: 63000-FSP0481AD101C-RS | P/N: 63000-FSP0601AD101C-746RS | |
| | Power: 48W | Power: 60W | |
| | Input: 90VAC~264VAC, 50/60Hz | Input: 90VAC~264VAC, 50/60Hz | |
| Power Requirement | Output: 12VDC | Output: 12VDC | |
| Power Consumption | 10 ~ 28V DC-IN | 10 ~ 28V DC-IN | |
| | 32W | 49W | 49W |

AFL-4xxx In-wall PPC Product Line Naming Rule



Ordering Information

| Model | Description |
|--------------|---|
| 8" | AFL-408BB-N270/WT-R/1GB-R12 8.0" 250 cd/m ² , 800x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Touch screen and 10-28VDC Wide Range, Black color, R11, RoHS |
| | AFL-408BW-N270/WT-R/1GB-R12 8.0" 250 cd/m ² , 800x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Touch screen and 10-28VDC Wide Range, White Color, R11, RoHS |
| | AFL-408BG-N270/WT-R/1GB-R12 8.0" 250 cd/m ² , 800x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Touch screen and 10-28VDC Wide Range, Gray Color, R11, RoHS |
| 8.4" | AFL-408AB-N270/WT-R/1GB-R11 8.4" 400 cd/m ² , 800x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, Black color, R11, RoHS |
| | AFL-408AW-N270/WT-R/1GB-R11 8.4" 400 cd/m ² , 800x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, White Color, R11, RoHS |
| | AFL-408AG-N270/WT-R/1GB-R11 8.4" 400 cd/m ² , 800x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, Gray Color, R11, RoHS |
| 10.2" | AFL-W410AB-N270/WT-R/1GB-R11 10.2" 400 cd/m ² , 1024x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Touch screen and 10-28VDC Wide Range, Black color, R11, RoHS |
| | AFL-W410AW-N270/WT-R/1GB-R11 10.2" 400 cd/m ² , 1024x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Touch screen and 10-28VDC Wide Range, White Color, R11, RoHS |
| | AFL-W410AG-N270/WT-R/1GB-R11 10.2" 400 cd/m ² , 1024x600 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Touch screen and 10-28VDC Wide Range, Gray Color, R11, RoHS |
| 12.1" | AFL-412AB-N270/WT-R/1GB-R11 12.1" 400 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, Black color, R11, RoHS |
| | AFL-412AW-N270/WT-R/1GB-R11 12.1" 400 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, White color, R11, RoHS |
| | AFL-412AG-N270/WT-R/1GB-R11 12.1" 400 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, Gray color, R11, RoHS |
| 15" | AFL-415AB-N270/WT-R/1GB-R11 15" 350 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, Black color, R11, RoHS |
| | AFL-415AW-N270/WT-R/1GB-R11 15" 350 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, White color, R11, RoHS |
| | AFL-415AG-N270/WT-R/1GB-R11 15" 350 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, Gray color, R11, RoHS |
| 15" | AFL-415AEB-N270/WT-R/1GB-R11 15" 250 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, Black color, R11, RoHS |
| | AFL-415AEW-N270/WT-R/1GB-R11 15" 250 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, White color, R11, RoHS |
| | AFL-415AEG-N270/WT-R/1GB-R11 15" 250 cd/m ² , 1024x768 fanless In-Wall panel PC with Intel® Atom™ N270 1.6G CPU, 1GB DDR2 RAM, AT/ATX mode, 802.11b/g Wireless, Bluetooth, 300K Pixel Camera W/Microphone, Touch screen and 10-28VDC Wide Range, Gray color, R11, RoHS |

Note: Optional 1.3MP Camera with Digital Microphone Module