***Display System***

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**10.4” SVGA AFOLUX Panel PC**

Intel® Atom™ N270 1.6GHz Processor

AFL-10A-N270

***Advanced Features***

1. **PCIe Mini card slot compatible with mSATA and PCIe Mini device**



**2**

**1**

IEI patented PCIe Mini interface provides PCIe x 1 and USB signals such as PCIe Mini SSD and wireless LAN card for full- size or half-size devices!

1. **Enhanced MIMO Technology** Preinstalled 2.4GHz 802.11b/g/n Wi-Fi module supports 2Tx/2Rx 2-stream MIMO

with up to 300Mbps data rate for a 40MHz

channel!

# *Specifications*



Fanless



Speakers



Wireless 802.11b/g/n

|  |  |
| --- | --- |
| **Model** | **AFL-10A-N270** |
| LCD Size | 10.4” |
| Max Resolution | 800 x 600 |
| Brightness (cd/m²) | 400 |
| Contrast Ratio | 700:1 |
| LCD Color | 262K |
| Pixel Pitch (mm) | 0.264 (H) x 0.264 (V) |
| Viewing Angle (H-V) | 160° / 140° |
| Backlight MTBF | 50000 hrs (LED Backlight) |
| SBC Model | AFLMB-945GSE-N270-R10 |
| CPU | Intel® Atom™ processor N270 1.6GHz CPU |
| Chipset | Intel® 945GSE + ICH7M |
| RAM | Supports one 400MHz or 533MHz DDR2 SO-DIM (Max. 2GB) |
| I/O Ports | 1. x RS-232 COM Port   1 x RS-232/422/485 COM Port   1. x RJ-45 for Giga LAN 2 x USB 2.0   1 x Power Switch 1 x Reset Button 1 x External SATA 1 x Audio Port  1 x Power Jack |
| Storage | CF Type II |
| Watchdog Timer | Software programmable supports 1~255 sec. system reset |
| Audio | AMP 1.5W + 1.5W (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 |
| LED Function | 1 x Power on/off LED on front panel |
| Mounting | Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm / 100mm x 100mm |
| Front Panel Color | Gray 7539U |
| Dimensions (WxHxD) (mm) | 276 x 222 x 51 |
| Operation Temperature (°C) | -10°C ~50°C |
| Storage Temperayure (°C) | -20°C ~ 60°C |
| N/G Weight | 1.4 Kg |
| IP Level | IP 64 compliant front panel |
| Safety & EMC | CE / FCC |
| Touch Screen | 5-wire resistive type (touch controller IC is on board) |
| Power Adapter | P/N: 63040-010060-130-RS  60W Power Adapter (Meet PSE) Input: 90VAC~264VAC, 50/60Hz  Output: 12VDC |
| Power Requirement | 12V DC |
| Power Consumption | 28W |

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***Ordering Information***

|  |  |
| --- | --- |
| **Part Number** | **Description** |
| **AFL-10A-N270/R/1G-R24** | 10.4” 400cd/m² SVGA fanless panel PC with Intel® Atom™ N270 1.6GHz, 802.11b/g/n wireless module, touch screen,1GB DDR2 533, R24 |

***ISMM Supported Functions***

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Voltage** | **Temperature** | **WDT** |
| **AFL-10A-N270** | V | V | V |

***Packing List***

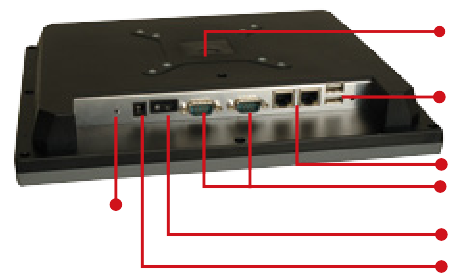
|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Part Number** | **Q’ty** | **Specification** |
| **Screw Pack** | 44013-030041-RS | 4 | M3; 5mm |
| **Power Adpater** | 63040-010060-130-RS | 1 | 90~264V AC; 12V DC; 60W (Meet PSE) |
| **Power Cord** | 32000-000002-RS | 1 | 1750mm; European Standard |
| **Utility CD** | 7B000-000087-RS | 1 |  |
| **Touch Pen** | 43125-0002C0-00-RS | 1 |  |
| **One Key Recovery CD** |  | 1 |  |
| **RJ45 to RS-232 Transfer Cable** | 32005-000200-200-RS | 1 | 300MM; RJ-45 to RS-232 transfer cable |

***Options***

|  |  |
| --- | --- |
| **Model** | **AFL-10A-N270** |
| Panel Mounting Kit | AFLPK-12 |
| Wall Mounting Kit | AFLWK-12 |
| Rack Mounting Kit | AFLRK-10 |
| Arm | ARM-11-RS / ARM-31-RS |
| Stand | STAND-A12-RS / STAND-100-RS |
| VSTAND | VSTAND-A10-R11 |
| 9~30VDC to 12VDC Converter Module | IDD-930160-KIT |
| OS: Win XPE (1 GB CF card) | AFLCF-07-N270-XPE-R24 |
| OS: Win 7 Embedded  (4 GB CF card or CD-ROM) | AFLCF-07-N270-WES7E-R24 |
| Magnetic Stripe Reader | AFLP-10AMSR-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

Standard VESA mounting



Audio

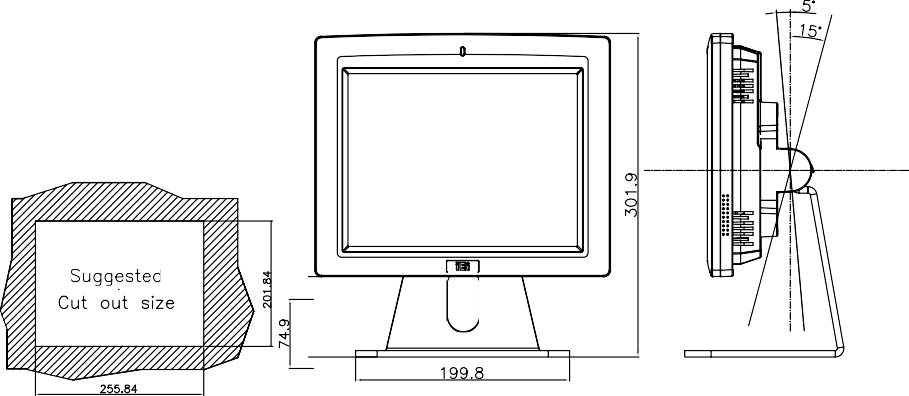
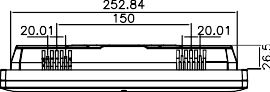
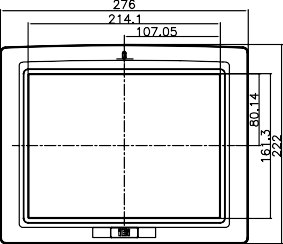
# *Fully Integrated I/O*

2 x USB

2 x LAN

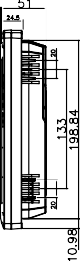
1 x RS-232

1 x RS-232/422/485 selectable COM port

Power switch DC power input



***Display System***



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