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**15” XGA AFOLUX Panel PC**

Intel® Atom™ N270 1.6GHz Processor

AFL-15AE-N270



***Specifications***

***Features***

* 15" TFT LCD with resistive touch screen
* System memory up to 2 GB RAM
* Built-in 802.11b/g/n wireless LAN
* Selectable AT/ATX power mode through the switch inside the chassis
* Built-in two speakers
* One CompactFlash® slot
* IP 64 compliant front panel
* IEI One Key Recovery solution allows you to create rapid OS backup and recovery (over 4GB storage capacity is suggested)

Wireless 802.11b/g/n

Touchscreen

IP64

Speakers

Fanless

***Display System***

|  |  |
| --- | --- |
| **Model** | **AFL-15AE-N270** |
| LCD Size | 15” |
| Max Resolution | 1024 x 768 |
| Brightness (cd/m²) | 250 |
| Contrast Ratio | 700:1 |
| LCD Color | 16.7M |
| Pixel Pitch (mm) | 0.297(H) x 0.297(V) |
| Viewing Angle (H-V) | 170º/160º |
| Backlight MTBF | 30000 hrs |
| SBC Model | AFLMB2-945GSE-N270-R10 |
| CPU | Intel® Atom™ N270 1.6GHz processor |
| Chipset | Intel® 945GSE + ICH7M |
| RAM | Supports one 400MHz or 533MHz DDR2 SO-DIMM (Max. 2GB) |
| I/O Ports | 1. x RS-232 COM Port

1 x RS-232/422/485 COM Port1. x RJ-45 for GbE 4 x USB 2.0

1 x Power Switch 1 x Reset Button1 x Audio Port (line-out) 1 x VGA Port1 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 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 100mm x 100mm |
| Front Panel Color | Sliver (877U) & Gray (ABSA2037) |
| Dimensions (WxHxD) (mm) | 394 x 309 x 61 |
| Operation Temperature (°C) | 0°C ~40°C with SATA HDD-10°C ~50°C with CF Card or SATA interface 2.5” SSD HDD |
| Storage Temperature (°C) | -20°C ~ 60°C |
| N/G Weight | 3.2 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: 63040-010060-110-RS60W Power Adapter (Meet PSE)Input: 90VAC~264VAC, 50/60Hz / Output: 12VDC |
| Power Requirement | 12VDC |
| Power Consumption | 49W |

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***Ordering Information***

|  |  |
| --- | --- |
| **Part Number** | **Description** |
| AFL-15AE-N270/R/1G-R23 | 15” 250cd/m² XGA fanless panel PC with Intel® Atom™ N270 1.6GHz CPU, 1GB DDR2 RAM, 802.11b/g/n wireless module, touch screen, R23 |

***ISMM Supported Functions***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Voltage** | **Fan** | **Smart Fan** | **Temperature** | **WDT** | **Cash Drawer** |
| AFL-15AE-N270 | 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; 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 |  |

***Options***

|  |  |
| --- | --- |
| **Model** | **AFL-15AE-N270** |
| Panel Mounting Kit | AFLPK-15 |
| Wall Mounting Kit | AFLWK-19B |
| Rack Mounting Kit | AFLRK-15-R11 |
| Arm | ARM-11-RS / ARM-31-RS |
| Stand | STAND-A19-RS / STAND-A21-R10-R10 / STAND-210-R11 |
| OS: Win XPE (1 GB CF card) | AFLCF-15-N270-XPE-R31 |
| OS: Win 7 Embedded (2GB CF card) | AFLCF-15-N270-WES7E-R31 |
| 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***

12V DC Input Power Switch

VGA Output Line-out External SATA

4 x USB 2.0

2 x LAN

1 x RS-232

1 x RS-232/422/485

***Display System***

***AFL-15A***

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