***Display System***

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Intel® Atom™ N2600 Dual Core Processor

AFL2-08A-N26

***Features***

* Flat-bezel LCD with LED backlight
* Intel® Atom™ N2600 dual core 1.6 GHz processor
* One 800 MHz 204-pin DDR3 SO-DIMM slot (system max. 2GB) pre-installed with 2GB
* 5-wire resistive type touch screen supported
* Wi-Fi 802.11b/g/n high speed wireless
* Built-in EM or Mifare RFID reader (optional)
* IP64 compliant front panel
* Auto dimming control

# *Specifications*

|  |  |  |
| --- | --- | --- |
|  | **Model** | **AFL2-08A-N26** |
| LCDSpecifications | Size | 8'' |
| Resolution | 800 (W) x 600 (H) |
| Brightness (cd/m²) | 350 cd/m² |
| Contrast Ratio | 500:1 |
| LCD Color | 16.2 M |
| Pixel Pitch (mm) | 0.2025 (H) x 0.2025 (V) |
| Viewing Angle (H-V) | 140°(H) / 130°(V) |
| Backlight MTBF | 30000 hrs (LED backlight) |
| Touch | Touch Screen | 5-wire rsistive type with RS-232 interface |
| Touch Controller | PenMount DMC9000 |
| System | CPU | Intel® Atom™ N2600 dual core 1.6 GHz CPU |
| Chipset | Intel® NM10 |
| RAM | Support one 800 MHz 204-pin DDR3 SO-DIMM slot (max. 2GB) pre-installed wiith 2GB |
| Ethernet | Realtek RTL8111E PCIe GbE controller supporting ASF 2.0 |
| Audio Codec | Realtek ALC892 HD Audio codec |
| Storage | mSATA |
| Input / Output | 1 x Mini USB 2.0 port on front panel 1 x MicroSD card slot on front panel 1 x Power switch1 x AT/ATX switch 1 x Reset button1 x Clear CMOS button1 x DC input jack |
| Other Features | Audio | AMP 0.8 W + 0.8 W |
| Camera | 2megapixel with low light function |
| Microphone | Digital Microphone |
| RFID Reader | EM 125 KHz or Mifare 13.56 MHz card reader (optional) |
| MSR Card Reader | MSR card reader (optional) |
| OSD Function | LCD on/off, brightness up/down, volume up/down,hotkey |
| Ambient Light Sensor | Yes |
| Infrared Remote Controller | Yes |
| System Cooling | Fanless |
| Connectivity | Wireless | IEEE 802.11b/g/n module Telec certified |
| Physical | Construction Front Panel | PC + ABS plastic front frame |
| Mounting | Wall, Panel, Stand, RACK Mounting and VESA 75 mm x 75mm |
| Color | Black |
| Dimensions (WxHxD)(mm) | 215 x 188 x 46 |
| Weight (N/G) | 1.43 kg / 2.2 kg |
| Environment | Operating Temperature (°C) (Ambient with air flow) | -20°C ~ 40°C |
| Storage Temperature (°C) | -20°C ~ 60°C |
| Humidity | 10% to 95% (non-condensing) |
| IP Level | IP 64 compliant front panel |
| Safety&EMC | CE / FCC |
| Power | Power Supply | 36W power adapter Input: 90VAC~264VAC, 50/60 Hz, Output: 12VDC |
| Power Requirement | 9 ~ 36 VDC |
| Power Consumption | 12V@2.27A (Intel® Atom™ N2600 CPU with 2GB DDR3 momory) |

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***Ordering Information***

|  |  |
| --- | --- |
| **Part No.** | **Description** |
| AFL2-08A-N26/R/2G-R12 | 8" 350 cd/m² SVGA fanless panel PC with Intel® Atom™ N2600 dual core 1.6GHz, 802.11b/g/n wireless module, resistive touch screen, microphone, 2megapixel webcam, 2GB DDR3 RAM, R12 |

***Options Packing List***

|  |  |
| --- | --- |
| **Item** | **AFL2-08A-N26** |
| Panel Mounting Kit | AFL2PK-08A |
| Wall Mounting Kit | AFLWK-12 |
| Rack Mounting Kit | AFL2RK-08A |
| Stand | STAND-B08/STAND-C12-R10 / STAND-100-RS |
| V-stand | VSTAND-A07-R11 |
| Magnetic stripe reader | AFL2P-08AMSR-U-R10 |
| EM RFID Reader | AFL2-EM-RFID-KIT01-R10 |
| Mifare RFID Reader | AFL2-MF-RFID-KIT01-R11 |
| OS: Win XPE (CD-ROM) | AFL2-W07A-CV-XPE-R12 |
| OS: Win 7 Embedded (DVD-ROM) | AFL2-W07A-CV-WES7E-R12 (for Resistive Touch) |

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **P/N** | **Q'ty** | **Description** |
| Utility CD | 7B000-000889-RS | 1 | drivers and user manual |
| One Key Recovery CD |  | 1 |  |
| Power adapter | 63040-010036-111-RS | 1 | 90VAC~264VAC, 50/60 Hz,Output: 12VDC, 36W (Meet PSE) |
| Power cord | 32000-000002-RS | 1 | European standard, 1830mm |
| RJ-11 to DB-9 COM portcable |  | 1 |  |
| IR remote controller | 7Z000-SLPCB001-RS | 1 |  |
| Pen | 43125-0002C0-00-RS | 1 | For Resistive Touch |

# *Fully Integrated I/O*

2 x USB 3.0

RJ-45 for RS-422/485

**Fn**

Display Port

LAN

2 x USB 2.0

Line-out

9-36V DC Jack

**Backlight On/Off Audio -**

**Audio + Brightness - Brightness +**

**RFID Enable/Disable Audio Mute**

**Camera Enable/Disable**

**Front Side USB Enable/Disable Power On / Off**

Power Switch CMOS Reset

AT/ATX

RS-232

***Display System***

***AFL2-08A Dimensions***

***(Unit: mm)***