

AFL2-W10A-N28

Intel® Atom™ N2800 Dual Core Processor



Features

- » Flat-bezel LCD with LED backlight
- » Intel® Atom™ N2800 dual core 1.86 GHz processor
- » One 1066 MHz 204-pin DDR3 SO-DIMM slot (system max. 4GB) pre-installed with 2GB
- » 5-wire resistive type touch screen supported
- » Wi-Fi 802.11b/g/n high speed wireless
- » EM or Mifare RFID reader
- » Built-in 2M pixels webcam with AF, AE and AWB capabilities
- » Built-in two 1.5W speakers and microphone
- » IP 64 compliant front panel

Specifications

| | |
|---------------------------------|--|
| Communication | |
| Wi-Fi | IEEE 802.11b/g/n Telec certified |
| Environment | |
| Humidity | 10% to 95% (non-condensing) |
| Operating Temperature | -20°C ~ 45°C |
| Safety & EMC | CE / FCC |
| Storage Temperature | -20°C ~ 60°C |
| LCD | |
| Backlight MTBF | 30000 hrs (LED backlight) |
| Brightness (cd/m ²) | 400 cd/m ² |
| Contrast Ratio | 400:1 |
| LCD Color | 16.2M |
| Pixel Pitch (mm) | 0.2175 (H) x 0.2175 (V) |
| Resolution | 1024 (W) x 600 (H) |
| Size | Wide 10.2" |
| Viewing Angle (H-V) | 140°(H) / 120°(V) |
| Power | |
| Power consumption | 12V@2.75A (Intel® Atom™ N2800 CPU with 2GB DDR3 memory) |
| Power Requirement | 9 ~ 36 VDC |
| System | |
| Chipset | Intel® NM10 |
| CPU | Intel® Atom™ N2800 dual core 1.86 GHz CPU |
| Memory Max. | Support one 1066MHz 204-pin DDR3 SO-DIMM slot (max. 4GB) |
| Storage | 2.5" SATA 2.0 HDD bay |
| Touch | |
| Touch Controller | PenMount DMC9000 |
| Touch Screen | 5-wire resistive type with RS-232 interface |
| I/O Interface | |
| I/O Interface | 1 x Audio |
| | 2 x USB 3.0 |
| | 2 x USB 2.0 |
| | 1 x RS-422/485((RJ45 connector)) |

| | |
|--|------------------------------------|
| | 2 x RS-232((DB-9 connector/RJ-45)) |
| | 1 x Display Port |
| | 1 x LAN(Gbe(RJ-45)) |

Ordering Information

| | |
|------------------------|---|
| AFL2-W10A-N28/R/2G-R20 | 10.2" 400cd/m2 WSVGA fanless panel PC with Intel Atom cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, Projective capacitive touchscreen,1.3M camera,microphone, 2GB DDR3 RAM, R20 |
|------------------------|---|

Packing List

| | |
|-------------------------|----------------|
| 1 x Power adapter | 1 x Power cord |
| 1 x Power transfer cord | |