

AFL-12B-CX

12.1" XGA Touch Panel PC

VIA Eden™ 500MHz / C7 1.5GHz Processor

AFL-12A-LX

12.1" XGA Touch Panel PC

AMD Geode LX-800 500 MHz Processor

AFL-12B-CX2

12.1" XGA Touch Panel PC

VIA Eden™ 1GHz ULV Processor

AFL-12B-9103

12.1" XGA Touch Panel PC

Intel® Celeron® M 1GHz 512KB Processor



► Features

- 12.1" TFT LCD with resistive touch screen
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- Built-in HSDPA module for mobile connection (Optional)
- One compact flash slot
- IP 64 compliant front panel

► Specifications

| Model | AFL-12A-LX-R11 AFL-12A-LX24V | AFL-12B-LXPOS | AFL-12B-CX | AFL-12B-CX2 | AFL-12B-9103 |
|----------------------------|--|---|--|--|--|
| LCD Size | 12.1" | 12.1" | 12.1" | 12.1" | 12.1" |
| Max Resolution | 1024 * 768 | 1024 * 768 or 800 x 600 | 1024 * 768 | 1024 * 768 | 1024 * 768 |
| Brightness (cd/m2) | 450 | 450 or 350 | 400 | 400 | 400 |
| Contrast Ratio | 700:1 | 700:1 or 500:1 | 500:1 | 500:1 | 500:1 |
| LCD Color | 262K | 262K | 262K | 262K | 262K |
| Pixel Pitch (mm) | 0.240(H) x 0.240(V) | 0.240(H) x 0.240(V) | 0.240(H) x 0.240(V) | 0.240(H) x 0.240(V) | 0.240(H) x 0.240(V) |
| Viewing Angle (H-V) | 160/160 | 160/160 or 140/120 | 160/160 | 160/160 | 160/160 |
| Backlight MTBF | 50000 hrs | 50000 hrs | 50000 hrs | 50000 hrs | 50000 hrs |
| SBC Model | AFLMB-LX800 | AFLMB-LXPOS | AFLMB-CX7010M | AFLMB-CX2 | AFLMB-9103 |
| CPU | AMD Geode™ LX 800 (500MHz) | AMD Geode™ LX 800 (500MHz) | VIA C7 1.5GHz (with fan) VIA Eden™ 500MHz ULV | VIA EDEN 1GHz ULV | Intel® Celeron M 1.0GHz/512k Cache |
| Chipset | AMD Geode™ LX 800 + AMD Geode™ CS5536 | AMD Geode™ LX 800 + AMD Geode™ CS5536 | CX700M | CX700M | Intel® 910GMLC Chipset |
| RAM | Supports one 1GB (maximum) 333MHz or 400MHz SO-DIMM | | Support one 200-pin 1GB (maximum) 400MHz or 533MHz DDR II SO-DIMM | Support one 200-pin 1GB (maximum) 400MHz or 533MHz DDR II SO-DIMM | Support one 200-pin 2GB (maximum) 400MHz DDR II SO-DIMM |
| I/O Ports and Switches | 1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for 10/100Mbps LAN | 2 x RS-232 COM port (pin9 with RI, 5v or 12V switch selectable) 1 x RJ-45 for 10/100Mbps LAN | 1 x RS232 COM Port 1 x RS232 or 422/485 COM Port 2 x Giga LAN | 2 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x Power Jack | 1 x RS232 COM Port 1 x RS232 or 422/485 COM Port 1 x Giga LAN 4 x USB 2.0 |
| SSD | CF Type II | | | | |
| Watchdog Timer | Software programmable supports 1~255 sec. System reset | | | | |
| Audio | AMP 1.5W + AMP 1.5W | | | | |
| Expansion | 1 x Mini PCI (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0) | 1 x Mini PCI (Wireless LAN Module) | 1 x Mini PCI (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0) | 1 x Mini PCI (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0) | 1 x PCIe mini card (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0) |
| HDD Drive Bay | 1 x 2.5" IDE HDD bay or Optional HSDPA Module | | 1 x 2.5" SATA HDD bay or Optional HSDPA Module | 1 x 2.5" SATA HDD bay or Optional HSDPA Module | |
| Construction Material | ABS + PC Plastic front frame | | | | |
| LED Function | 1 x Power ON/OFF LED on front panel | | | | |
| Mounting | Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm / 100 x 100mm | | | | |
| Front Panel Color | Gray 7539U | | Gray 7539U | Gray 7539U | Gray 7539U |
| Dimensions (WxHxD) (mm) | 304 x 246 x 50 | | 304 x 246 x 56 | 304 x 246 x 56 | 304 x 246 x 56 |
| Operation Temperature (°C) | 0°C~50°C | | 0~40°C with HDD0~45°C with CF card or SATA interface 2.5" SSD HDD | 0~40°C with HDD 0~45°C with CF card or SATA interface 2.5" SSD HDD | 0~40°C with HDD (smart fan control :fan mode) 0~45°C with CF card or SATA interface 2.5" SSD HDD (smart fan control:fanless mode) |
| Storage Temperature (°C) | -20°C~60°C | | | | |
| Net Weight | 1.8Kg | | | | |
| IP Level (front panel) | IP 64 | | | | |
| EMC | CE, FCC, CCC | | | | |
| Safety | UL, CB | | | | |
| Touch Screen | Resistive Type 5-Wire (touch controller IC is on board) | | | | |
| Power Adapter | P/N:63000-FSP0361AD101C-RS Power: 36W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC | P/N:63000-FSP0481AD101C-RS Power: 48W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC | P/N:63000-FSP0481AD101C-RS Power: 48W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC | P/N:63000-FSP0481AD101C-RS Power: 48W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC | Power: 60W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC |
| Power Requirement | 12VDC or 18~30VDC | | 12VDC | 12VDC | 12VDC |
| Power Consumption | 29W | | 29W | 41W | 46W |