

# AFOLUX Vertical Market Panel PC

The AFOLUX all-in-one PPC series is based on an integrated multi-functional design. Its new vertical market capability allows a wide variety of applications to be easily integrated, from high performance KIOSKS RFID solutions and more.

## A. Public Information Solutions

### Kiosk Panel PC- AFOLUX 3 Series

- High performance / Cost effective
- Back I/O design allows installation in minutes
- Rich connectivity and built-in camera and microphone



| Model    | LCD Size | CPU                                     | Rich Connectivity |     |     |     |
|----------|----------|---|-------------------|-----|-----|-----|
|          |          |   | VGA               | DVI | USB | COM |
| AFL-315A | 15"      | Intel® 945G Dual Core Desktop Processor | •                 | •   | 8   | 4   |
| AFL-317A | 17"      | Intel® 945G Dual Core Desktop Processor |                   |     |     |     |

### Printer PC - EP-308A

- 8" Panel PC integrated with 2" easy-loading thermal printer
- Small footprint satisfies limited space requirements



| Model   | LCD Size | CPU                                  | Thermal Printer |
|---------|----------|--------------------------------------|-----------------|
| EP-308A | 8.0"     | Intel® 945GSE / Atom™ N270 Processor | •               |

### 1D/2D Barcode Scanner PC - AFL2D-12A

- 12.1" Panel PC integrated with wide-angle, illumination 1D/2D Barcode scan module



| Model          | LCD Size | CPU                                  | 1D/2D Barcode scan |
|----------------|----------|--------------------------------------|--------------------|
| AFL2D-12A-LX   | 12"      | AMD LX 800                           |                    |
| AFL2D-12A-N270 | 12"      | Intel® 945GSE / Atom™ N270 Processor | •                  |

### Mini Kiosk - IMK-571R

- 5.7" Panel PC integrated with wide-angle, illumination 1D/2D barcode engine
- Support PoE (Power Over Ethernet) agile deployment



| Model    | LCD Size | CPU                 | 1D/2D Barcode scan | POE | RFID (Optional) | MSR (Optional) |
|----------|----------|---------------------|--------------------|-----|-----------------|----------------|
| IMK-571R | 5.7"     | RMI Alchemy™ AU1250 | •                  | •   | •               | •              |

### Desktop Computer PC - EP-265 series / AFL LXPOS series

- 12" & 15" All-in-one easily maintained system
- Easy extend your service by add-on peripherals

| Model             | LCD Size | CPU                                  | COM  | 12V USB | 24V USB |
|-------------------|----------|--------------------------------------|--|---------|---------|
| EP-265E-GM45      | 15"      | Intel® GM45 / Core™2 Duo Processor   | 4 x 5V / 12V Power COM Port  | 2       | 1       |
| EP-265E-N270      | 15"      | Intel® 945GSE / Atom™ N270 Processor |  | 1       | --      |
| AFL- 12B-LXPOS    | 12"      | AMD LX 800                           | 2 x RS-232 COM Port<br>(pin9 with RI, 5V or 12V switch selectable) | --      | --      |
| AFL- 15A(E)-LXPOS | 15"      | AMD LX 800                           |  | --      | --      |



## B. In-Wall Mount Solutions

### AFOLUX 4 series

- In-wall mounting design allows the system to be flush with the wall with no visible wall mount
- Changeable face plate and face plate skin sticker available to match diverse decoration styles
- One digital I/O (4 input / 4 output)

| Model        | LCD Size                          | CPU                                | Changeable Faceplate | Digital Input / Output                  | Wide Power Requirement |
|--------------|-----------------------------------|------------------------------------|----------------------|---|------------------------|
| AFL 4 series | 8.0" / 8.4" / 10.4" / 12.1" / 15" | Intel® 945GSE Atom™ N270 Processor | •                    | 4 x Digital Input<br>4 x Digital Output | 10-28VDC               |



## C. Fanless Dual Core Solutions

### AFOLUX 5 series

- 17" fanless system integrated with Intel® GM45 chipset and 45nm mobile Core

| Model    | LCD Size | CPU                              | Fanless | HDMI | Display Port |
|----------|----------|----------------------------------|---------|------|--------------|
| AFL-517A | 17"      | Intel® GM45 Core™2 Duo Processor | •       | •    | •            |



## D. RFID Collector Solutions

### ACT series

- Integrated RFID reader for MIFARE 13.56 MHz or EM 125 KHz RFID tag

| Model    | LCD Size | CPU                                | RFID Reader(EM / Mifare) | Relay Output     | Digital Input / Output                  | Wiegand Slave Reader Port | Changeable Faceplate |
|----------|----------|------------------------------------|--------------------------|------------------|---|---------------------------|----------------------|
| ACT-457A | 5.7"     | RMI Alchemy™ AU1250                | •                        | 2 x Relay Output | 2 x Digital Input                       | -                         | •                    |
| ACT-408A | 8.0"     | Intel® 945GSE Atom™ N270 Processor | •                        | 2 x Relay Output | 3 x Digital Input                       | •                         | •                    |
| ACT-08A  | 8.4"     | Intel® 945GSE Atom™ N270 Processor | •                        | -                | -                                       | -                         | -                    |
| ACT-412A | 12.1"    | Intel® 945GSE Atom™ N270 Processor | •                        | -                | 2 x Digital Input<br>2 x Digital Output | -                         | •                    |



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- 2 Automation Panel Solutions
- 3 Video Wall Controller Splitter
- 4 RISC-based Solutions
- 5 PACSmate Medical Solutions
- 6 Optional Peripherals

# AFOLUX Vertical Market Panel PC

## Selection Guide



| Model                   |                                 | Kiosk Panel PC  |  | 1D/2D Barcode Scanner PC   |   |  | Mini Kiosk   |
|-------------------------|---------------------------------|---|--|--|---|--|--|
|                         |                                 | AFL-315A(E)   | AFL-317A   | AFL2D-12A-LX   | AFL2D-12B-LXPOS   | AFL2D-12A-N270   | IMK-571A   |
| Display                 | LCD Size                        | 15"   | 17"  | 12.1"  |   |  | 5.7"   |
|                         | Max Resolution (W x H)          | 1024 x 600  | 1280 x 1024  | 1024 x 768   |   |  | 640 x 480  |
|                         | Brightness (cd/m <sup>2</sup> ) | 350 (250)   | 300  | 500  |   |  | 400  |
|                         | Max. Colors                     | 262K (16.2M)  | 16.7M  | 262K   |   |  | 262K   |
|                         | Viewing Angle (H-V)             | 140°/ 125°<br>(160° / 160°)   | 160° / 160°  | 160°/160°  |   |  | 140°/160°  |
|                         | Backlight MTBF (hrs)            | 50000   | 50000  | 50000<br>(LED backlight panel)   |   |  | 50000<br>(LED backlight panel)   |
| Motherboard             | CPU                             | Intel® Dual Core Desktop Processor E2160<br>1.8GHz CPU  |  | AMD Geode LX800 500MHz processor   |   | Intel® Atom™ process<br>N270 1.6GHz CPU  | Alchemy AU1250<br>500MHz   |
|                         | Chipset                         | Intel® 945G   |  | AMD Geode LX800 + AMD CS5536   |   | Intel® 945GSE + ICH7M  | --   |
|                         | RAM                             | Supports two 400MHz / 533MHz / 667MHz DDRII<br>DIMM (2GB Max.)  |  | Supports one 333MHz / 400MHz DDR SO-DIMM<br>(1GB Max.)   |   | Supports one 400MHz /<br>533MHz DDRII SO-DIMM (2GB Max.)   | 256MB DDR2 SDRAM   |
| I/O Ports and Switches  |                                 | 3 x RS-232 COM port<br>1 x RS-232/422/485 COM port<br>1 x RJ-45 for GbE LAN<br>8 x USB 2.0<br>1 x VGA port<br>1 x DVI port<br>1 x Line in, 1 x Line out, 1 x MIC in<br>1 x PS/2 |  | 1 x RS-232 COM port<br>1 x RS-232/422/485<br>COM port<br>2 x RJ-45 for<br>10/100Mbps LAN<br>3 x USB 2.0<br>1 x Audio Jack (Line-out) | 2 x RS-232 COM port<br>(pin 9 with RI, 5V or 12V<br>switch selectable<br>1 x RJ-45 for<br>10/100Mbps LAN<br>3 x USB 2.0 | 1 x RS-232 COM port<br>1 x RS-232/422/485<br>COM port<br>2 x RJ-45 for<br>10/100Mbps LAN<br>3 x USB 2.0<br>1 x Audio Jack (Line-out) | 1 x RS-232 COM port<br>1 x RJ-45 for<br>10/100Mbps LAN<br>(With Onboard POE<br>Design)<br>2 x USB 2.0<br>1 x Stereo Audio Jack |
| Digital Input/Output    |                                 | 1 x RJ-12, 12V/24V<br>Cash Drawer Port  | 1 x RJ-12, 12V/24V<br>Cash Drawer Port               | --   | 1 x RJ-12, 12V Cash<br>Drawer Port  | --   | --   |
| Drive Bay               | SSD                             | CF TypeII   | CF TypeII  | CF Type II   | CF Type II  | CF Type II   | --   |
|                         | HDD                             | 1 x 3.5" SATA HDD bay<br>or<br>1 x 2.5" SATA HDD bay  | 1 x 3.5" SATA HDD bay<br>or<br>1 x 2.5" SATA HDD bay | 1 x 2.5" IDE HDD bay   | 1 x 2.5" IDE HDD bay  | 1 x 2.5" SATA HDD bay  | --   |
|                         | CD-ROM                          | --  | 1 x Slim type ODD bay                                | --   | --  | --   | --   |
| Wireless Connection     | Wi-Fi                           | IEEE 802.11 b/g (internal<br>Mini PCI interface)  | IEEE 802.11 b/g (internal<br>Mini PCI interface)     | IEEE 802.11 b/g (internal<br>Mini PCIe interface)  | IEEE 802.11 b/g (internal<br>Mini PCIe interface)   | IEEE 802.11 b/g/n<br>(internal Mini PCIe<br>interface)   | IEEE 802.11 b/g (internal<br>Mini PCIe interface)  |
|                         | Bluetooth                       | Bluetooth V2.0 (internal<br>USB)  | Bluetooth V2.0 (internal<br>USB)                     | Bluetooth V2.0 (internal<br>USB)   | --  | Bluetooth V2.0 (internal<br>USB)   | --   |
| Audio/Video Device      | Audio                           | AMP 1.5W + 1.5W<br>(Internal speaker)   | AMP 1.5W + 1.5W<br>(Internal speaker)                | AMP 1.5W + 1.5W<br>(Internal speaker)  | AMP 1.5W + 1.5W<br>(Internal speaker)   | AMP 1.5W + 1.5W<br>(Internal speaker)  | AMP 1.5W + 1.5W<br>(Internal speaker)  |
|                         | Webcam                          | 2 Mega pixels camera<br>with autofocus  | 300K pixels camera                                   | --   | --  | --   | --   |
|                         | Microphone                      | --  | 1 x Digital microphone<br>(internal USB interface)   | --   | --  | --   | --   |
| 1D / 2D Barcode Scanner |                                 | --  | --   | 1D / 2D Barcode<br>scanner   | 1D / 2D Barcode<br>scanner  | 1D / 2D Barcode<br>scanner   | 1D / 2D Barcode<br>scanner   |
| Thermal Printer         |                                 | --  | --   | --   | --  | --   | --   |
| Physical                | Mounting                        | Panel, Wall, Stand and<br>Arm, VESA 100mm x<br>100mm  | Panel, Wall, Stand and<br>Arm, VESA 100mm x<br>100mm | Wall, Stand and Arm,<br>VESA 100mm x 100mm   | Wall, Stand and Arm,<br>VESA 100mm x 100mm  | Wall, Stand and Arm,<br>VESA 100mm x 100mm   | Wall, Stand and Arm,<br>VESA 75mm x 75mm   |
| System Cooling          |                                 | Active with fan   | Active with fan                                      | Fanless  | Fanless   | Fanless  | Fanless  |
| Environment             | Operation Temperature (°C)      | 0°C~45°C  | 0°C~45°C   | 0°C~40°C   | 0°C~40°C  | 0°C~40°C   | 0°C~50°C   |
|                         | Storage Temperature (°C)        | -20°C~80°C  | -20°C~80°C   | -20°C~60°C   | -20°C~60°C  | -20°C~60°C   | -20°C~60°C   |
| Power Requirement       |                                 | 12V / 24VDC   | 12V / 24VDC  | 10~28VDC   | 10~28VDC  | 10~28VDC   | 12~24VDC   |

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IEI Mobile Solutions

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Automation Panel Solutions

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Video Wall Controller/ Splitter

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RISC-based Solutions

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PACSmate Medical Solutions

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Optional Peripherals

# AFOLUX Vertical Market Panel PC

## Selection Guide



| Model                   |                                 | Printer PC  | Desktop Computer PC  |  |  |                            |
|-------------------------|---------------------------------|---|--|--|--|----------------------------|
|                         |                                 | EP-308A   | EP-265E-GM45   | EP-265E-N270   | AFL-12B-LXPOS  | AFL-15A(E)-LXPOS           |
| Display                 | LCD Size                        | 8.0"  | 15"  | 15"  | 12.1"  | 15"                        |
|                         | Max Resolution (W x H)          | 800 x 600   | 1024 x 768   | 1024 x 768   | 1024 x 768 or 800 x 600  | 1024 x 768                 |
|                         | Brightness (cd/m <sup>2</sup> ) | 250   | 250  | 250  | 500 or 450   | 350 or 250                 |
|                         | Max. Colors                     | 262K  | 16.7M  | 16.7M  | 262K   | 262K or 16.7M              |
|                         | Viewing Angle (H-V)             | 140° / 130°   | 160° / 160°  | 160° / 160°  | 160° / 160° or 160° / 140°   | 140° / 125° or 160° / 160° |
|                         | Backlight MTBF (hrs)            | 30000 (LED Backlight)   | 40000  | 40000  | 50000 (LED Backlight)  | 50000 or 40000 hrs         |
| Motherboard             | CPU                             | Intel® Atom™ process N270 1.6GHz CPU  | Intel® Core™2 Duo Processor  | Intel® Atom™ process N270 1.6GHz CPU   | AMD LX 800 (500MHz)  |                            |
|                         | Chipset                         | Intel® 945GSE + ICH7M   | Intel® GM45 + ICH9M  | Intel® 945GSE + ICH7M  | AMD LX 800 + AMD CS5536  |                            |
|                         | RAM                             | Supports one 400MHz / 533MHz DDRII SO-DIMM (2GB Max.)   | Supports two 667MHz / 800MHz DDRII (2GB Max.)  | Supports two 400MHz / 533MHz DDRII (2GB Max.)  | Supports one 333MHz or 400MHz DDR SO-DIMM (1GB Max.)   |                            |
| I/O Ports and Switches  |                                 | 1 x RJ-45 for RS-232 COM Port<br>1 x RJ-45 for RS-232/422/485 COM port<br>1 x RJ-45 for Giga LAN<br>4 x USB 2.0<br>1 x VGA Port | 4 x COM Port with LED indicators<br>1 x VGA Port<br>1 x RJ-45 for Giga LAN<br>7 x USB 2.0<br>1 x PS2 (Keyboard & Mouse)<br>1 x DB-25 for LPT | 4 x COM Port with LED indicators<br>1 x VGA Port<br>1 x RJ-45 for Giga LAN<br>7 x USB 2.0<br>1 x PS2 (Keyboard & Mouse)<br>1 x DB-25 for LPT | 2 x RS-232 COM Port (pin9 with RI, 5V or 12V switch selectable)<br>1 x RJ-45 for 10/100Mbps LAN<br>2 x USB 2.0 |                            |
| Digital Input/Output    |                                 | 1 x RJ-12, 12V Cash Drawer Port   | 1 x RJ-12, 12V/24V Cash Drawer Port  |  | 1 x RJ-12, 12V Cash Drawer Port  |                            |
| Drive Bay               | SSD                             | CF Type II  | CF Type II   |  | CF Type II   |                            |
|                         | HDD                             | --  | 2 x 2.5" SATA HDD bay  |  | 1 x 2.5" IDE HDD bay   |                            |
|                         | CD-ROM                          | --  | --   | --   | --   | --                         |
| Wireless Connection     | Wi-Fi                           | --  | 1 x Wireless Lan 802.11 a/b/g Module (internal Mini PCIe interface)  |  | 1 x Wireless Lan 802.11 b/g Module (internal Mini PCI interface)   |                            |
|                         | Bluetooth                       | --  | --   | --   | --   | --                         |
| Audio/Video Device      | Audio                           | AMP 1.5W + 1.5W (Internal speaker)  | AMP 3W + 3W (Internal speaker)   |  | AMP 1.5W + 1.5W (internal speaker)   |                            |
|                         | Webcam                          | --  | --   | --   | --   | --                         |
|                         | Microphone                      | --  | --   | --   | --   | --                         |
| 1D / 2D Barcode Scanner |                                 | --  | --   |  | --   |                            |
| Thermal Printer         |                                 | 2" Thermal Printer  | --   | --   | --   | --                         |
| Physical                | Mounting                        | VESA 100mm  | Stand  | Stand  | Stand  | Stand                      |
| System Cooling          |                                 | Fanless   | Active with fan  | Fanless  | Fanless  | Fanless                    |
| Environment             | Operation Temperature (°C)      | 0°C~40°C  | 0°C~40°C   | 0°C~40°C   | 0°C~50°C   | 0°C~50°C                   |
|                         | Storage Temperature (°C)        | -20°C~60°C  | -20°C~60°C   | -20°C~60°C   | -20°C~60°C   | -20°C~60°C                 |
| Power Requirement       |                                 | 12VDC   | 12V/ 24V   | 12V/ 24V   | 12V  | 12V                        |

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## Selection Guide



| Model                  |                                 | In-Wall Mount Solutions   |   |   |   |   |
|------------------------|---------------------------------|---|---|---|---|---|
|                        |                                 | AFL-408B  | AFL-408A  | AFL-W410A                                       | AFL-412A  | AFL-415A(E)                                     |
| Display                | LCD Size                        | 8.0"  | 8.4"  | Wide 10.2"                                      | 12.1"   | 15"   |
|                        | Max Resolution (W x H)          | 800 x 600   | 800 x 600                                       | 1024 x 600                                      | 1024 x 768                                      | 1024 x 768                                      |
|                        | Brightness (cd/m <sup>2</sup> ) | 250   | 450   | 400   | 500   | 350 (250)                                       |
|                        | Max. Colors                     | 262K  | 262K  | 262K  | 262K  | 262K (16.2M)                                    |
|                        | Viewing Angle (H-V)             | 140° / 130°   | 160° / 140°                                     | 140° / 110°                                     | 160° / 160°                                     | 140° / 125° (160° / 160°)                       |
|                        | Backlight MTBF (hrs)            | 30000 (LED Backlight)   | 50000 (LED Backlight)                           | 40000   | 50000 (LED Backlight)                           | 50000   |
| Motherboard            | CPU                             | Intel® Atom™ process N270 1.6GHz CPU  |   |   |   |   |
|                        | Chipset                         | Intel® 945GSE + ICH7M   |   |   |   |   |
|                        | RAM                             | Supports one 400MHz / 533MHz DDRII SO-DIMM (2GB Max.)   |   |   |   |   |
| I/O Ports and Switches |                                 | 1 x RJ-45 for RS-232 COM Port<br>1 x RJ-45 for RS-232/422/485 COM Port<br>1 x RJ-45 for Giga LAN<br>5 x USB 2.0 (4 in the rear, 1 in front panel)<br>1 x VGA Port |   |   |   |   |
| Digital Input/Output   |                                 | 1 x DIO (4in / 4out)  | 1 x DIO (4in / 4out)                            | 1 x DIO (4in / 4out)                            | 1 x DIO (4in / 4out)                            | 1 x DIO (4in / 4out)                            |
| Drive Bay              | SSD                             | CF Typell   | CF Typell                                       | CF Typell                                       | CF Typell                                       | CF Typell                                       |
|                        | HDD                             | --  | --  | --  | 1 x 2.5" SATA HDD bay                           | 1 x 2.5" SATA HDD bay                           |
|                        | CD-ROM                          | --  | --  | --  | --  | --  |
| Wireless Connection    | Wi-Fi                           | IEEE 802.11 b/g/n (internal Mini PCIe interface)  |   |   |   |   |
|                        | Bluetooth                       | --  | Bluetooth V2.0 (internal USB)                   | --  | Bluetooth V2.0 (internal USB)                   | Bluetooth V2.0 (internal USB)                   |
| Audio/Video Device     | Audio                           | AMP 1.5W + 1.5W   | AMP 1.5W + 1.5W                                 | AMP 1.5W + 1.5W                                 | AMP 1.5W + 1.5W                                 | AMP 3W + 3W                                     |
|                        | Webcam                          | --  | 300K pixels camera                              | 300K pixels camera                              | 300K pixels camera                              | 300K pixels camera                              |
|                        | Microphone                      | --  | 1 x Digital Microphone (internal USB interface) | 1 x Digital Microphone (internal USB interface) | 1 x Digital Microphone (internal USB interface) | 1 x Digital Microphone (internal USB interface) |
| IR Remote Control      |                                 | LCD On/Off, System Power On/Off, Volume Up/Down; Brightness Up/Down   |   |   |   |   |
| Physical               | Mounting                        | In-wall mount, VESA 75mm x 75mm / 100mm x 100mm   | In-wall mount, VESA 75mm x 75mm / 100mm x 100mm | In-wall mount, VESA 75mm x 75mm / 100mm x 100mm | In-wall mount, VESA 75mm x 75mm / 100mm x 100mm | In-wall mount, VESA 100mm x 100mm               |
| System Cooling         |                                 | Fanless   | Fanless   | Fanless   | Fanless   | Fanless   |
| Environment            | Operation Temperature (°C)      | -10°C~50°C  | -10°C~50°C                                      | -10°C~50°C                                      | -10°C~50°C                                      | -10°C~50°C                                      |
|                        | Storage Temperature (°C)        | -20°C~60°C  | -20°C~60°C                                      | -20°C~60°C                                      | -20°C~60°C                                      | -20°C~60°C                                      |
| Power Requirement      |                                 | 10~28VDC  | 10~28VDC  | 10~28VDC  | 10~28VDC  | 10~28VDC  |

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IEI Mobile Solutions

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Automation Panel Solutions

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Video Wall Controller/ Splitter

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RISC-based Solutions

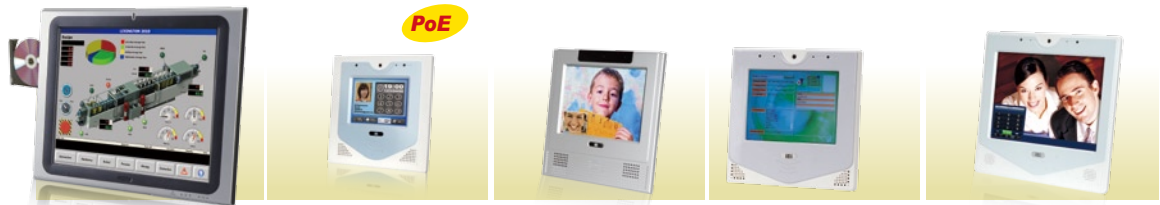
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PACSmate Medical Solutions

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Optional Peripherals

# AFOLUX Vertical Market Panel PC Selection Guide



| Model                  |                                 | Fanelss Dual Core Solutions  | RFID Collector Solutions  |  |  |  |
|------------------------|---------------------------------|--|---|--|--|--|
|                        |                                 | AFL-517A   | ACT-457A  | ACT-408A   | ACT-08A  | ACT-412A   |
| Display                | LCD Size                        | 17"  | 5.7"  | 8.0"   | 8.4"   | 12.1"  |
|                        | Max Resolution (W x H)          | 1280 x 1024  | 640 x 480   | 800 x 600  | 800 x 600  | 1024 x 768   |
|                        | Brightness (cd/m <sup>2</sup> ) | 300  | 400   | 250  | 450  | 500  |
|                        | Max. Colors                     | 16.7M  | 262K  | 262K   | 262K   | 262K   |
|                        | Viewing Angle (H-V)             | 160° / 160°  | 140° / 100°   | 140°o /130°  | 160° / 140°  | 160° / 160°  |
|                        | Backlight MTBF (hrs)            | 50000  | 50000 (LED Backlight)   | 30000 (LED Backlight)  | 50000 (LED Backlight)  | 50000 (LED Backlight)  |
| Motherboard            | CPU                             | Intel® Core™2 Duo T9400 2.53GHz Processor (max.)   | Alchemy AU1250 500MHz   | Intel® Atom™ process N270 1.6GHz CPU   | Intel® Atom™ process N270 1.6GHz CPU   | Intel® Atom™ process N270 1.6GHz CPU   |
|                        | Chipset                         | Intel® GM45 Chipset + ICH9M  | --  | Intel® 945GSE + ICH7M  | Intel® 945GSE + ICH7M  | Intel® 945GSE + ICH7M  |
|                        | RAM                             | Supports two 667MHz / 800MHz DDRII SO-DIMM (4GB Max.)  | 256MB DDR2 SDRAM  | Supports one 400MHz / 533MHz DDRII SO-DIMM (2GB Max.)  | Supports one 400MHz / 533MHz DDRII SO-DIMM (2GB Max.)                              | Supports one 400MHz / 533MHz DDRII SO-DIMM (2GB Max.)  |
| I/O Ports and Switches |                                 | 1 x RS-232 COM Port<br>1 x RS-232/422/485 COM Port<br>2 x Giga LAN<br>4 x USB 2.0<br>1 x VGA port<br>1 x Audio port<br>1 x HDMI port<br>1 x Display port | 1 x RS-232 COM Port<br>1 x RS-422/485 COM Port<br>1 x RJ-45 for 10/100Mbps LAN<br>2 x USB 2.0 | 1 x RJ-45 for RS-232 COM Port<br>1 x RJ-45 for RS-232/422/485 COM Port<br>1 x RJ-45 for Giga LAN<br>3 x USB 2.0 (2 in the rear, 1 in front on the panel) | 1 x RS232 COM Port<br>1 x RS232 / 422/485 COM Port<br>2 x Giga LAN<br>2 x USB 2.0" | 1 x RS-232 COM Port<br>1 x RS-232/422/485 COM Port<br>2 x Giga LAN<br>3 x USB 2.0 (2 in the rear, 1 in front of the panel)<br>1 x Audio Line-out |
| Digital Input/Output   |                                 | --   | 2 x Relay output<br>2 x Digital input   | 2 x Relay output<br>3 x Digital input  | --   | 2 x Digital input<br>2 x Digital output  |
| Drive Bay              | SSD                             | CF TypeII  | --  | CF TypeII  | CF TypeII  | CF TypeII  |
|                        | HDD                             | 1 x 2.5" SATA HDD bay  | --  | --   | --   | 1 x 2.5" SATA HDD bay  |
|                        | CD-ROM                          | 1 x Slim Type CD-ROM bay   | --  | --   | --   | --   |
| Wireless Connection    | Wi-Fi                           | IEEE 802.11 b/g/n (internal Mini PCIe interface)   | IEEE 802.11 b/g (Optional) (internal Mini PCIe interface)                                     | IEEE 802.11 b/g/n (internal Mini PCIe interface)   | IEEE 802.11 b/g/n (internal Mini PCIe interface)                                   | IEEE 802.11 b/g/n (internal Mini PCIe interface)   |
|                        | Bluetooth                       | Bluetooth V2.0 (internal USB)  | --  | Bluetooth V2.0 (internal USB)  | Bluetooth V2.0 (internal USB)  | Bluetooth V2.0 (internal USB)  |
| Audio/Video Device     | Audio                           | AMP 3W + 3W  | AMP 2W + 2W   | AMP 3W + 3W  | AMP 3W + 3W  | AMP 3W + 3W  |
|                        | Webcam                          | --   | 1 x 300K pixel camera (internal USB interface)  | 1 x 300K pixel camera (internal USB interface)   | 1 x 300K pixel camera (internal USB interface)                                     | 1 x 300K pixel camera (internal USB interface)   |
|                        | Microphone                      | --   | 1 x Digital microphone (internal USB interface)   | 1 x Digital microphone (internal USB interface)  | 1 x Digital microphone (internal USB interface)                                    | 1 x Digital microphone (internal USB interface)  |
| RFID Reader            |                                 | --   | EM 125KHz MIFARE 13.56MHz   | EM 125KHz MIFARE 13.56MHz  | EM 125KHz MIFARE 13.56MHz  | EM 125KHz MIFARE 13.56MHz  |
| Mounting               |                                 | Panel, Wall, Rack, Stand, Arm, VESA 100mm x 100mm  | In-wall mount, VESA 75mm x 75mm   | In-wall mount, VESA 100mm x 100mm  | Wall, VESA 100mm x 100mm   | In-wall mount, VESA 100mm x 100mm  |
| System Cooling         |                                 | Fanless  | Fanless   | Fanless  | Fanless  | Fanless  |
| Environment            | Operation Temperature (°C)      | 0°C ~45°C with CF card or SATA interface<br>0°C ~40°C with SATA interface<br>2.5" HDD  | -10°C~60°C  | -10°C~50°C   | -10°C~50°C   | -10°C~50°C   |
|                        | Storage Temperature (°C)        | -20°C~60°C   | -20°C~70°C  | -20°C~60°C   | -20°C~60°C   | -20°C~60°C   |
| Power Requirement      |                                 | 12VDC  | 12VDC   | 12VDC  | 12VDC  | 12VDC  |

- 1 IEI Mobile Solutions
- 2 Automation Panel Solutions
- 3 Video Wall Controller/ Splitter
- 4 RiSC-based Solutions
- 5 PACsmate Medical Solutions
- 6 Optional Peripherals