AFO●LUX *Panel PC Series*
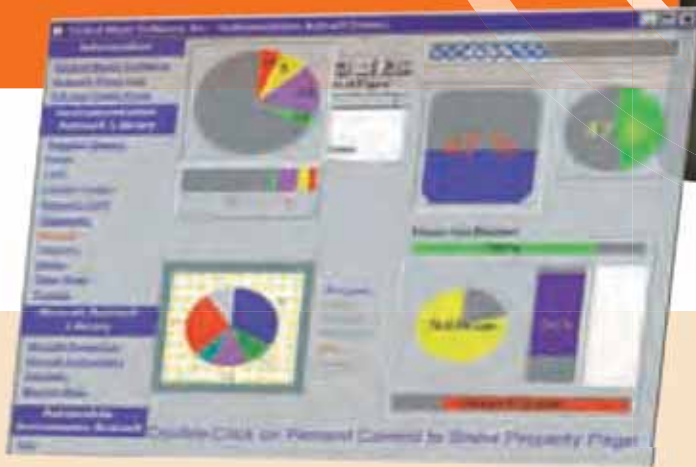
7"-19" All-in-one Panel PC

For POS

For Home Automation

For Car PC

For Industrial Automation

spectra

Maximize Your Business Potential

The streamline AFOLUX series all-in-one panel PC offers installation versatility with its wide ranging mounting options that help maximize your business potential

Bluetooth

Bluetooth GPS

TouchScreen

Wireless 802.11 b/g

Dual LAN

Integrated audio

GPRS

AFOLUX AMD Geode™ LX 800 Series

AFL-07A-LX-R11
Selectable AT/ATX Power Mode

ab CHF 862,-

7"

7" embedded fanless panel PC
AMD Geode™ LX 800 CPU

- Resolution: 800x480
- Brightness (cd/m^2): 350
- Touch screen
- Integrated audio speakers
- 512 MB memory preinstalled
- Complete I/O support:
    - 1 x RS-232 COM port
    - 1 x RS-232/422/485 COM port
    - 2 x USB 2.0 ports
    - 2 x LAN ports
- 802.11b/g wireless antenna inside
- Preinstalled Bluetooth module
- The best choice for Thin Client, Windows® CE 5.0 and Windows® XP embedded

Vehicle Interior Device

- Car PC
- Transportation logistics PC

AFL-08AH-LX-R11
Selectable AT/ATX Power Mode

ab CHF 1046,-

8.4" **High Brightness Available**

8.4" embedded fanless panel PC
AMD Geode™ LX 800 CPU

- Resolution: 800x600
- Brightness (cd/m^2): 220/450
- Touch screen
- Integrated audio speakers
- 512 MB memory preinstalled
- Complete I/O support:
    - 1 x RS-232 COM port
    - 1 x RS-232/422/485 COM port
    - 2 x USB 2.0 ports
    - 2 x LAN ports
- 802.11b/g wireless antenna inside
- Preinstalled Bluetooth module
- The best choice for Thin Client, Windows® CE 5.0 and Windows® XP embedded

Industrial Automation

- Manufacturing work flow
- Factory automation
- Environmental monitoring

AFL-10A-LX
Selectable AT/ATX Power Mode

ab CHF 1085,-

10.4"

10.4" embedded fanless panel PC
AMD Geode™ LX 800 CPU

- Resolution: 800x600
- Brightness (cd/m^2): 400
- Touch screen
- Integrated audio speakers
- 512 MB memory preinstalled
- Complete I/O support:
    - 1 x RS-232 COM port
    - 1 x RS-232/422/485 COM port
    - 2 x USB 2.0 ports
    - 2 x LAN ports
- 802.11b/g wireless antenna inside
- Preinstalled Bluetooth module
- The best choice for Thin Client, Windows® CE 5.0 and Windows® XP embedded

POS Applications

- Mobile inventory checking
- Cashier platform

AFL-12A-LX-R11
Selectable AT/ATX Power Mode

ab CHF 1125,-

12.1"

12.1" embedded fanless panel PC
AMD Geode™ LX 800 CPU

- Resolution: 1024x768
- Brightness (cd/m^2): 450
- Touch screen
- Integrated audio speakers
- 512 MB memory preinstalled
- Complete I/O support:
    - 1 x RS-232 COM port
    - 1 x RS-232/422/485 COM port
    - 2 x USB 2.0 ports
    - 2 x LAN ports
- 802.11b/g wireless antenna inside
- Preinstalled Bluetooth module
- The best choice for Thin Client, Windows® CE 5.0 and Windows® XP embedded

AFOLUX VIA C7® and Eden™ Series

AFL-15A-CX
Selectable AT/ATX Power Mode

ab CHF **1418.**

15"

15" embedded panel PC
VIA C7® (1.5GHz) CPU with fan or fanless VIA Eden™ (500MHz) CPU

- Resolution: 1024x768
- Brightness (cd/m^2): 350
- Touch screen
- Integrated audio speakers
- 512 MB memory preinstalled
- Complete I/O support:
  - 1 x RS-232 COM port
  - 1 x RS-232/422/485 COM port
  - 4 x USB 2.0 ports
  - 2 x LAN ports
- 802.11b/g wireless antenna inside
- Preinstalled Bluetooth module
- The best choice for Thin Client, Windows® CE 5.0 and Windows® XP embedded

AFL-17A-CX
Selectable AT/ATX Power Mode

ab CHF **1499.**

17"

17" embedded panel PC
VIA C7® (1.5GHz) CPU with fan or fanless VIA Eden™ (500MHz) CPU

- Resolution: 1280x1024
- Brightness (cd/m^2): 300
- Touch screen
- Integrated audio speakers
- 512 MB memory preinstalled
- Complete I/O support:
  - 1 x RS-232 COM port
  - 1 x RS-232/422/485 COM port
  - 4 x USB 2.0 ports
  - 2 x LAN ports
- 802.11b/g wireless antenna inside
- Preinstalled Bluetooth module
- The best choice for Thin Client, Windows® CE 5.0 and Windows® XP embedded

AFL-19A-CX
Selectable AT/ATX Power Mode

ab CHF **1598.**

19"

19" embedded panel PC
VIA C7® (1.5GHz) CPU with fan or fanless VIA Eden™ (500MHz) CPU

- Resolution: 1280x1024
- Brightness (cd/m^2): 300
- Touch screen
- Integrated audio speakers
- 512 MB memory preinstalled
- Complete I/O support:
  - 1 x RS-232 COM port
  - 1 x RS-232/422/485 COM port
  - 4 x USB 2.0 ports
  - 2 x LAN ports
- 802.11b/g wireless antenna inside
- Preinstalled Bluetooth module
- The best choice for Thin Client, Windows® CE 5.0 and Windows® XP embedded

General Computing

- PC based testing center
- Distance learning

Home and Building Automation

- Digital surveillance system
- Home IA control terminal

Self-service Kiosk

- Self registration terminal
- Interactive photo kiosk
- Ticket vending machine
- Price-check machine

Multimedia Applications

- Gaming device
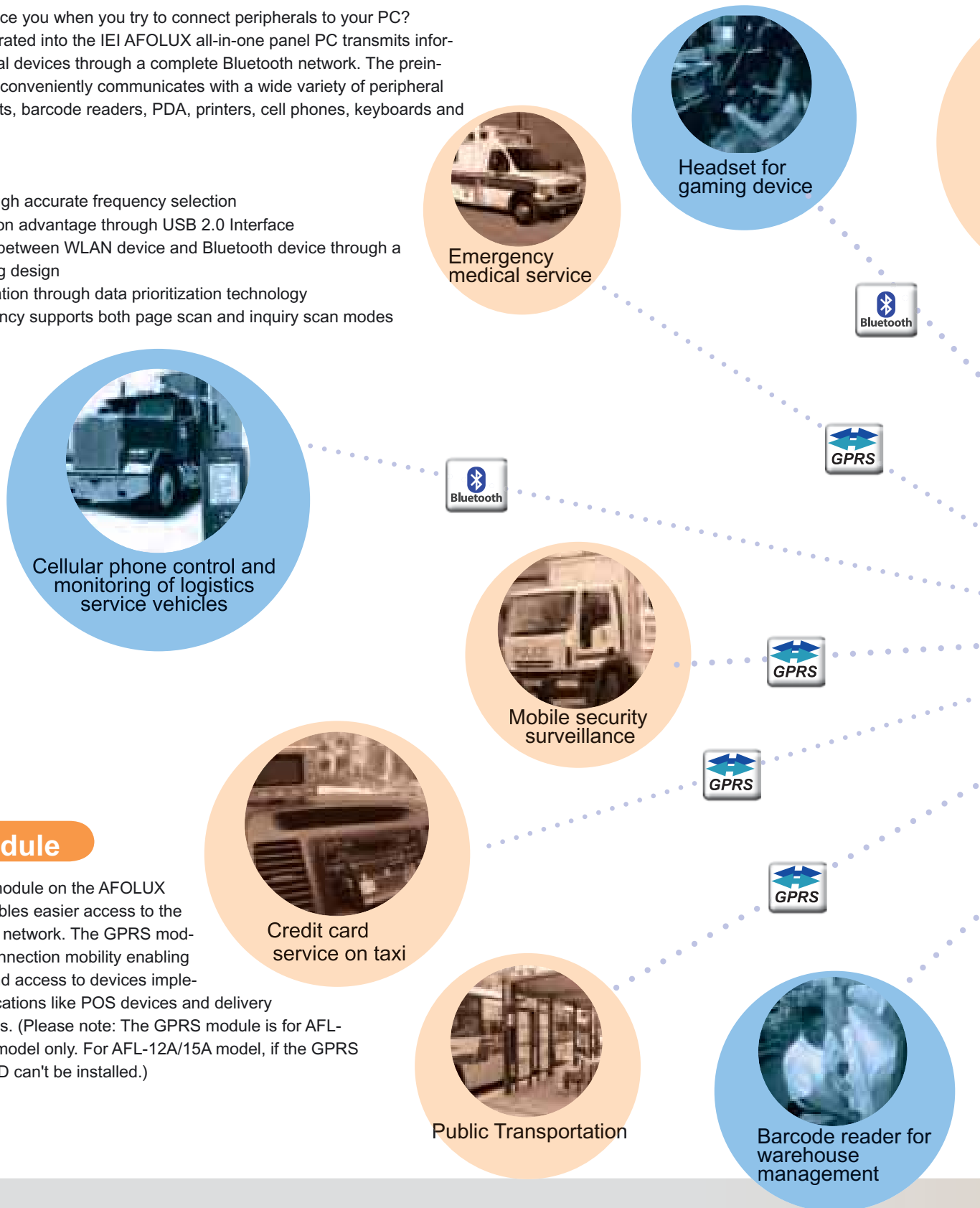- Advertising terminal
- Real-time news broadcast

Always Connected

The Value-Added Network Connection

Wireless 802.11 b/g   **GPRS**   **Bluetooth**

IEI Bluetooth Module

Do wires still inconvenience you when you try to connect peripherals to your PC? A Bluetooth module integrated into the IEI AFOLUX all-in-one panel PC transmits information between peripheral devices through a complete Bluetooth network. The preinstalled Bluetooth module conveniently communicates with a wide variety of peripheral devices including headsets, barcode readers, PDA, printers, cell phones, keyboards and mice.

- Better link quality through accurate frequency selection
- High speed transmission advantage through USB 2.0 Interface
- Direct communication between WLAN device and Bluetooth device through a collaborative coexisting design
- Performance maximization through data prioritization technology
- High connection efficiency supports both page scan and inquiry scan modes

Headset for gaming device

Emergency medical service

Bluetooth

GPRS

Cellular phone control and monitoring of logistics service vehicles

Bluetooth

Mobile security surveillance

GPRS

GPRS

IEI GPRS Module

An optional IEI GPRS module on the AFOLUX all-in-one panel PC enables easier access to the Internet through a GSM network. The GPRS module provides Internet connection mobility enabling centralized control of and access to devices implemented in remote applications like POS devices and delivery service checking devices. (Please note: The GPRS module is for AFL-10A/12A/15A/17A/19A model only. For AFL-12A/15A model, if the GPRS module is used, the HDD can't be installed.)

Credit card service on taxi

GPRS

Public Transportation

Barcode reader for warehouse management

## IEI's Wireless Network Advantage

Wireless Anywhere

If you are still looking for stable wireless LAN connectivity, the integrated PIFA antenna on the AFOLUX ensures an uninterrupted wireless connection.PIFA type antennas can receive high-quality, uniform signals in any location from all directions without any signal degradation or impedance and are the most efficient antennas on the market today. The inverted F-design generates an omni-directional signal field through an exceptionally uniform 3D signal sphere. PIFA enhances transmission and reception through a special cubic structure to ensure optimum wireless performance.

Dual LAN support

To provide you with an "Always connected" advantage, IEI has implemented dual LAN support along with PIFA wireless technology, reducing the hazard of network collisions and crashes or virus infection. With the AFOLUX series your network connection never fails.

PDA for mobile POS

Delivery item checking of logistic service

Bluetooth

GPRS

Wireless 802.11 b/g

AFO LUX

Bluetooth
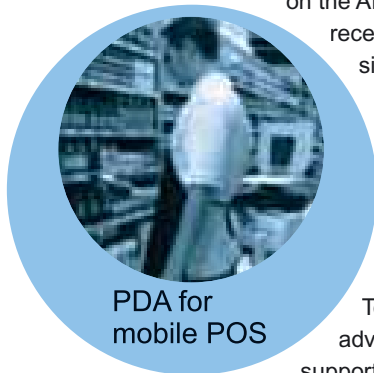
Best Reliability

Fanless system
The AMD Geode™ LX 800 and VIA Eden™ processors generate less heat. AFOLUX models with these processors are, while maintaining above-average performance, fanless. Fanless PCs have less down time and extended operational lives as they are not exposed to overheating problems caused by fan failures.

Rugged design
The AFOLUX is directly mounted internally to a metal main frame rather than a fragile plastic cover. In addition, the AFOLUX case is made from ABS/PC (Acrylonitrile Butadiene Styrene/Polycarbonate Alloy), which improves the stiffness over conventional material and makes the system more solid and durable.

Heat Conduction

Heat Convection

Anti-vibration protection
The AFOLUX panel PC are equipped with a drive kit to increase the resistance of the hard drive to side shocks and vibrations.The drive kit extends the drive life cycle in environments such as vehicles and marine applications.
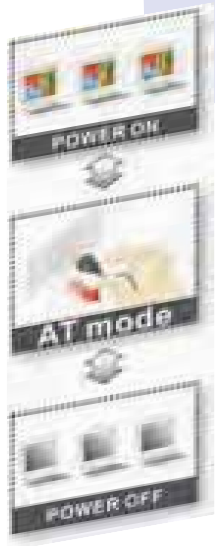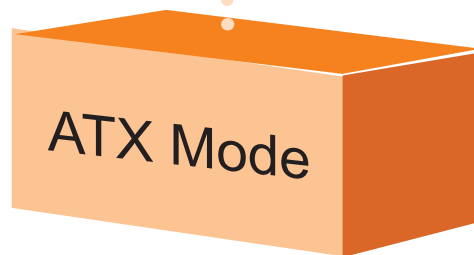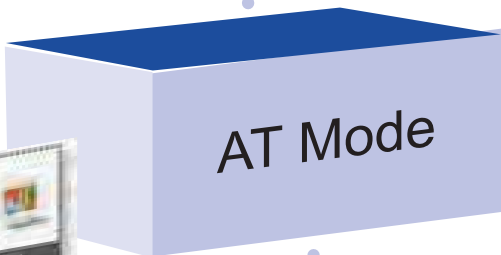
IP 64 dustproof and waterproof front panel
The AFOLUX front panel is IP 64 compliant. IP 64 compliance guarantees the front panel is dustproof and water-proof. The AFOLUX front panel can withstand any industrial environment where dust and drizzle is encountered.

Water proof device

PIFA antenna inside

Flexible Power Mode

AT/ATX Mode Selection

AT and ATX power modes can both be used on the AFOLUX all-in-one panel PC series. Power mode flexibility allows you to select the most suitable power mode for your unique application requirements.

ATM

Security surveillance

Information kiosk

Work flow

Advertising terminal

POS

AT Mode

ATX Mode

● Easy to turn on/ off with wall/ panel mounting

When implemented in shop flow applications it is easier to control the power through the central plug rather than a power switch.

● Power management

ATX mode has a power management function inside that turns the system to standby mode to save power when the panel PC is not used. Therefore, when being used in POS applications, real power savings can be achieved.

● Automatic start when power connected

When in the AT mode the power is controlled by the central power unit. In AT mode the AFOLUX panel PC automatically starts when the power is connected. This enables multiple panel PCs on a production line to be controlled from a single point.

● Remote control advantage

The standby function on the ATX mode power supply allows the AFOLUX panel PC to be turned on/off remotely via network. Users can set up each panel PC to be turned on/off at different times. Remote power mode control is perfect for advertising applications. Broadcasting times for each AFOLUX can be set at a single terminal and controlled remotely.

IEI Quick Mounting Technology

IEI IQ mount design allows the AFOLUX series to be easily integrated into a diverse variety of applications. The arm design can be used for industrial controls, the panel mount for kiosk devices, the wall mount for e-home terminals and the stand design for thin client applications.

IQ mounting

Wall mount

Arm

Stand

IQ mounting

POS

Shop flow

Panel mount

Industrial Grade Compliance

VESA Mounting Standards
The AFOLUX panel PC series has four mounting holes compliant with the VESA mounting standard (75mm x 75mm/100mm x 100mm) on the rear panel for stand mounting and other mounting methods.

Stands

STAND-A08 supports up to 5.0Kg (for AFL-07A/08A series)
STAND-A12 supports up to 5.0Kg (for AFL-10A/12A series)
STAND-A19 supports up to 7.5Kg (for AFL-15A/17A/19A series)
STAND-B19 supports up to 7.2Kg (for AFL-15A/17A/19A series)

Easy Stand

STAND-A08   STAND-A12   STAND-A19   Forward & Back Tilt

Comfortable Stand

Portrait/Landscape   Height Adjustment(13 cm)

STAND-B19

Right/Left Pan (270°)   Forward & Back Tilt(+25°/-5°)

Panel Mount Kits

AFLPK-07
AFLPK-08
AFLPK-10
AFLPK-12

Wall Mount Kits

AFLWK-07   AFLWK-15
AFLWK-08   AFLWK-17
AFLWK-10   AFLWK-19
AFLWK-12

Affordable Luxury Multimedia Applications

All AFOLUX panel PC models can help you maintain your competitive edge in digital advertising. Excellent multimedia features make the IEI AFOLUX all-in-one panel PC models the best advertising terminals and the slim all-in-one architecture minimizes the installation space required.

All-in-one Architecture-Space saving advantage

All the components for a fully functional PC including the CPU, memory modules and HDD are installed in the AFOLUX. This reduces the space required when installing the system making it suitable for implementation in areas where space is a premium.

Integrated internal speakers-Enhanced sound effects

Two integrated speakers on the AFOLUX all-in-one panel PC provide great sound quality and improved sound track effects. High-quality sound can be used to attract customers' attention in public areas.

Installed HDD easily stores a large amount of data

A large amount of advertising material is easily stored on the user installed 2.5" HDD. Once installed the HDD can be configured to ensure advertising content is easily managed and selected to target specified customers at specified times during the day.

Preinstalled LAN and wireless antenna -Real-time information broadcasting

The preinstalled LAN and wireless antenna enables timely information delivery to the AFOLUX panel PC. First-hand information is critical for a broadcasting terminal. The optional GPRS module even allows the AFOLUX all-in-one panel PC to update real-time information more conveniently.
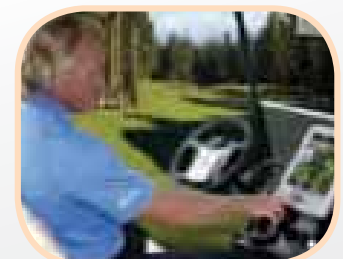
High resolution and high brightness LCD panel -Clearest advertisement image

The high brightness panel enables the AFOLUX all-in-one panel PC to be used in strong sunlight.

IEI's Turnkey Solution

Embedded OS Supports

IEI provides optional pre-installed Windows® XP Embedded or Windows® CE 5.0 turnkey solutions tailored for the AFOLUX series. These turnkey solutions have one Compact Flash memory card with either Windows® XP Embedded or Windows® CE 5.0 pre-installed, one Windows® XP Embedded or Windows® CE 5.0 license, and one CD that contains all related SDK (Software Development Kit) and user manuals.
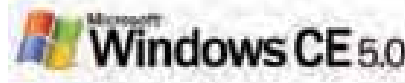
Windows CE 5.0

AFLCF-07-LX-CE
AFLCF-08-LX-CE
AFLCF-10-LX-CE
AFLCF-12-LX-CE
AFLCF-15-CX-CE
AFLCF-17-CX-CE
AFLCF-19-CX-CE

128 MB

Include:
-Windows® CE 5.0 OS image with license
-Thin Client turnkey solutions
-SDK

Windows XP Embedded

AFLCF-07-LX-XPE
AFLCF-08-LX-XPE
AFLCF-10-LX-XPE
AFLCF-12-LX-XPE
AFLCF-15-CX-XPE
AFLCF-17-CX-XPE
AFLCF-19-CX-XPE

1 GB

Include:
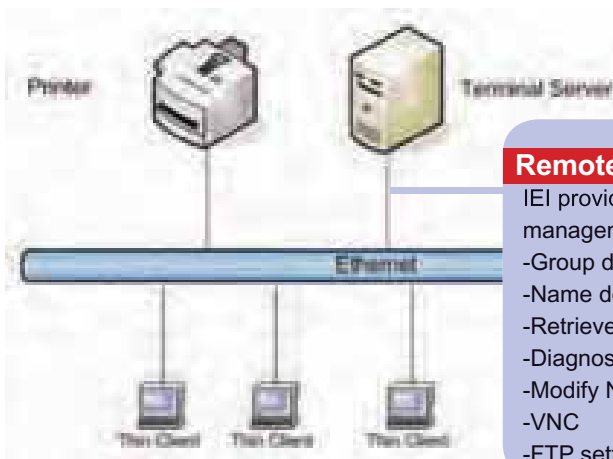-Windows® XPE OS image with license
-Thin Client turnkey solutions

Thin Client Technology

Remote management tool

IEI provides you free remote management tool to
-Group device
-Name devices
-Retrieve device information
-Diagnose device
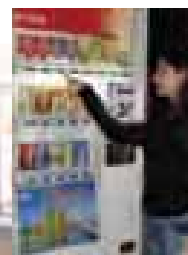-Modify Network settings
-VNC
-FTP settings

AFOLUX also provides built-in Thin Client Technology in embedded OS turnkey solutions. The thin client technology enables an AFOLUX to access Microsoft Windows-based applications and web-based applications. These applications actually live and run on Microsoft Terminal Service servers, so an AFOLUX can act as a thin client terminal and remotely execute legacy applications, Windows-based SCADA systems, and Windows applications such as word processors, spreadsheets, and database queries.

Retail Terminal   POS Terminal   KIOSK
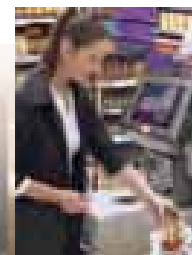
Shop Floor

Advantages of Thin Client Technology

• Reduced hardware cost
• Reduced software cost
• Reduced maintenance cost
• Centrally controlled resources
• Security and protection
• Prevention from client crash

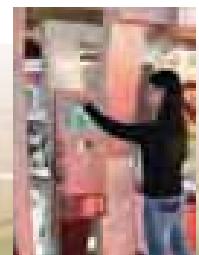### Applications of Thin Client-Server Architecture

• KIOSK
• Thin Client POS
• Logistics
• Terminals for database system
• OA and IT

AFO LUX

Dimensions (Unit:mm)
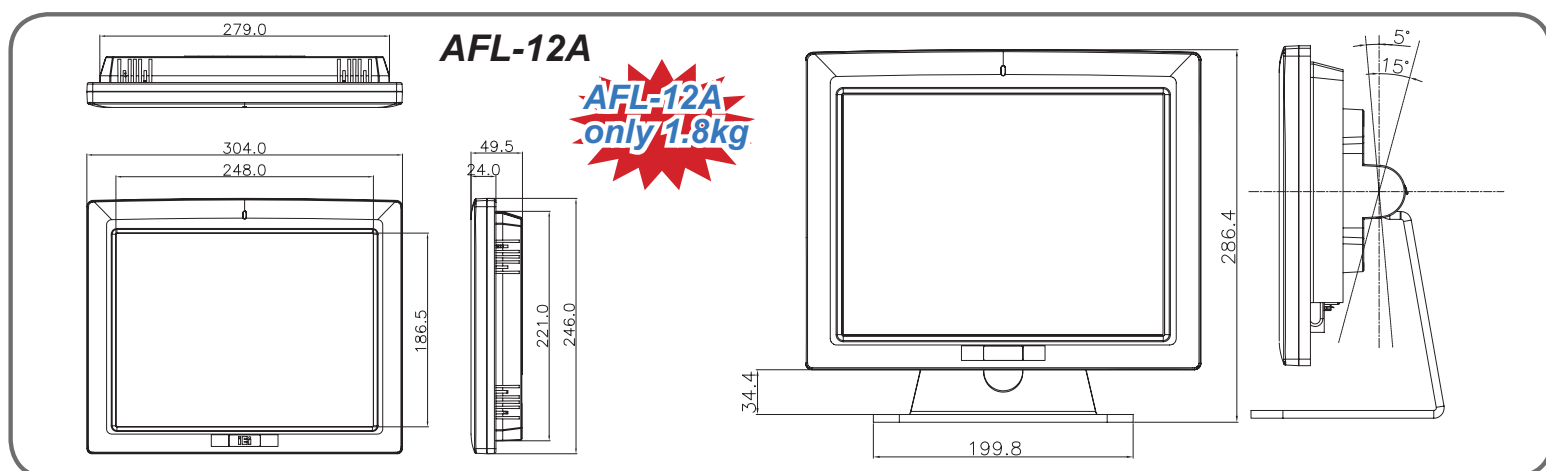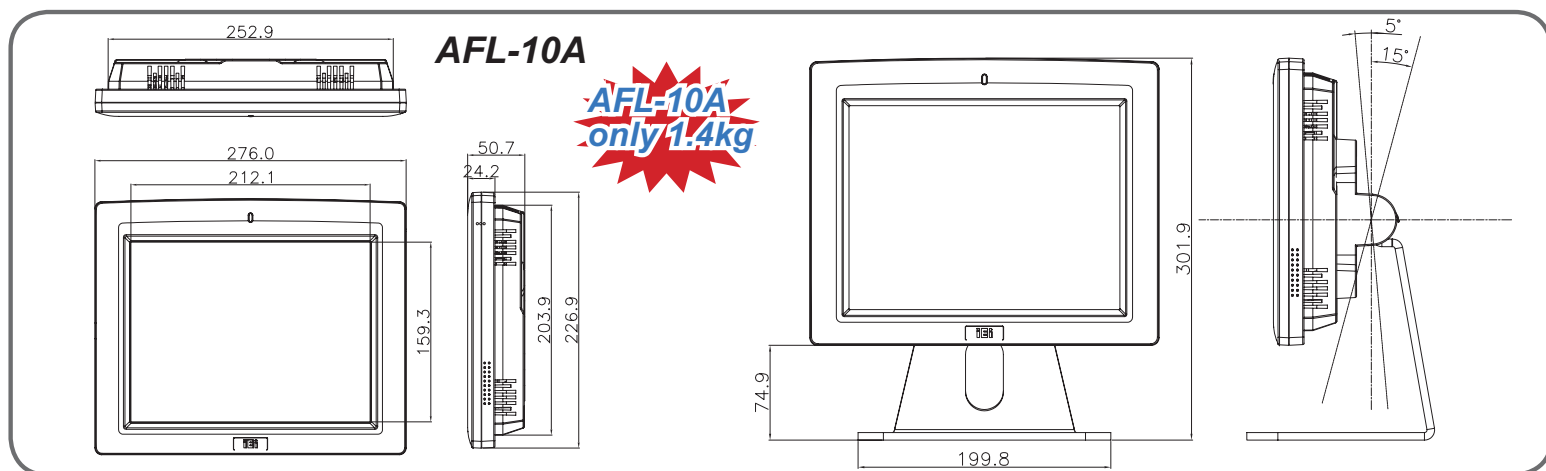
AFL-07A

AFL-07A only 0.6kg

AFL-08A

AFL-08A only 0.8kg

AFL-10A

AFL-10A only 1.4kg

AFL-12A

AFL-12A only 1.8kg

AFL-15A

AFL-15A only 3.2kg

AFL-17A

AFL-17A only 5kg

AFL-19A

AFL-19A only 5.6kg
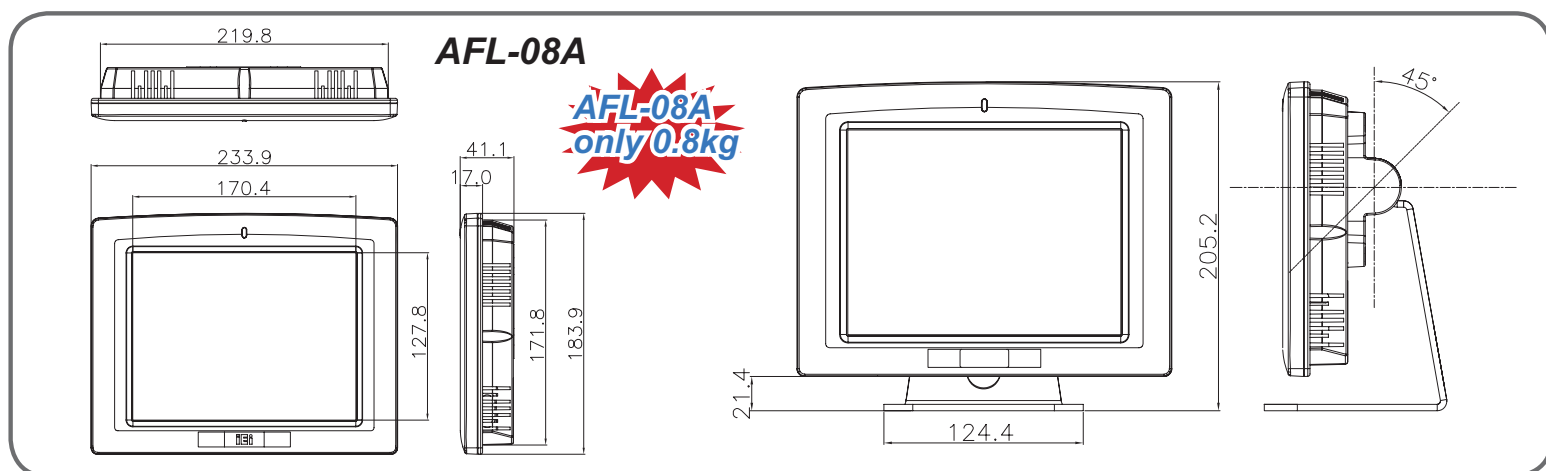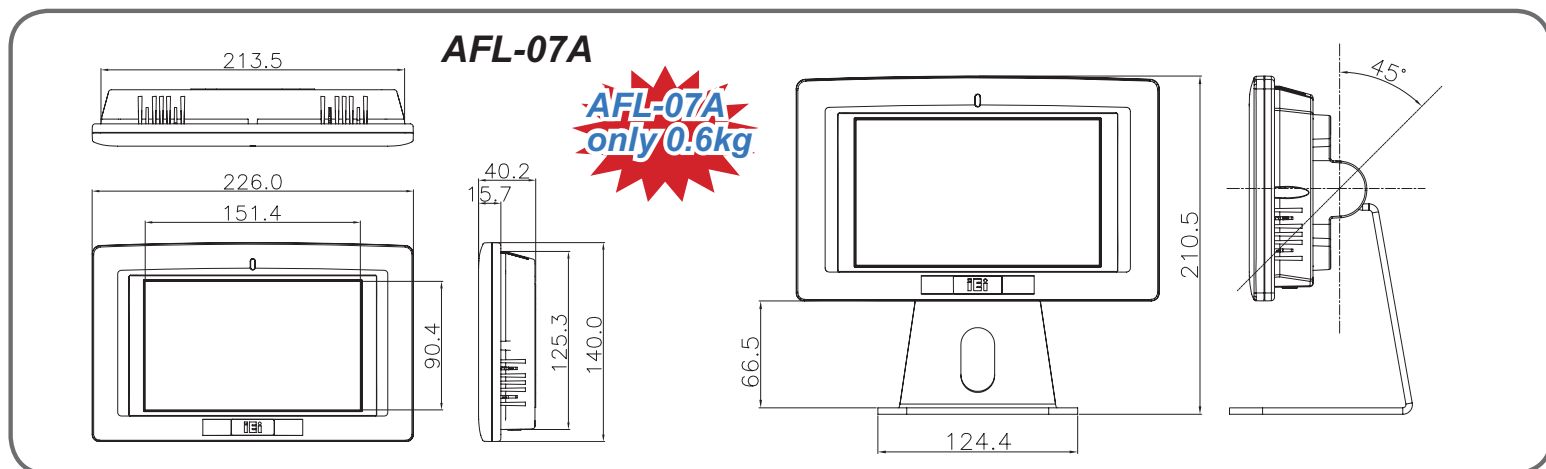
AFO LUX
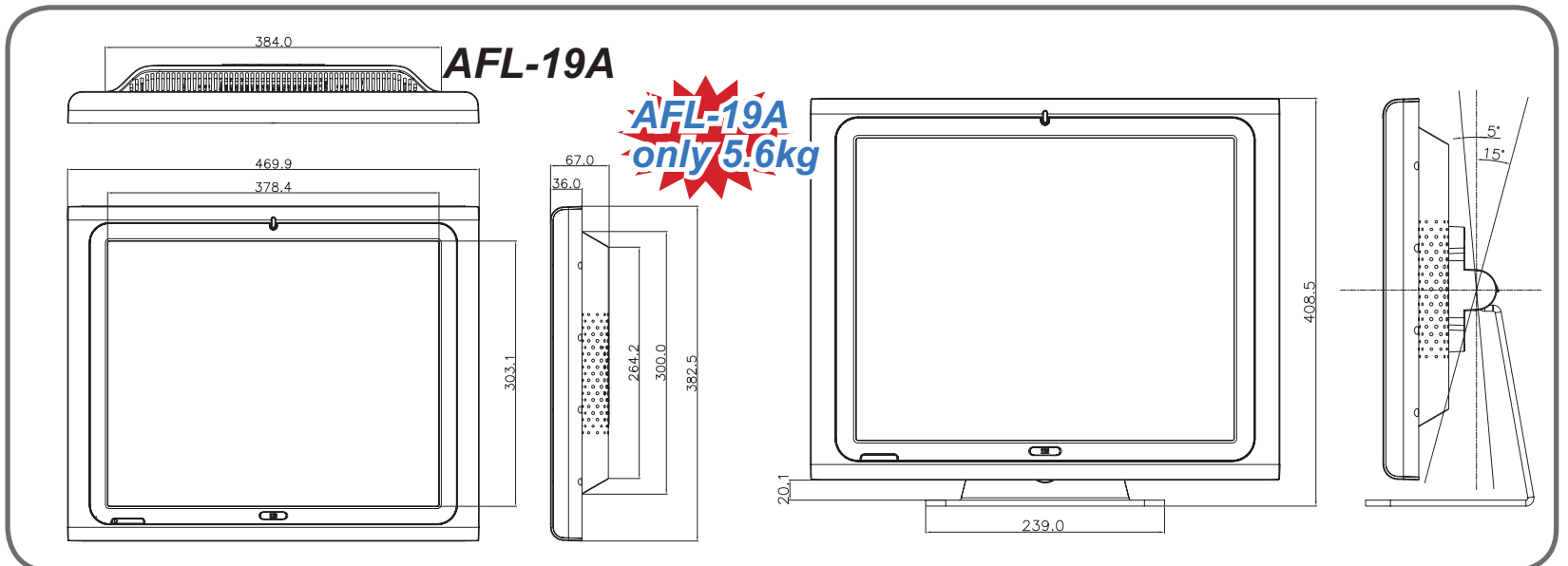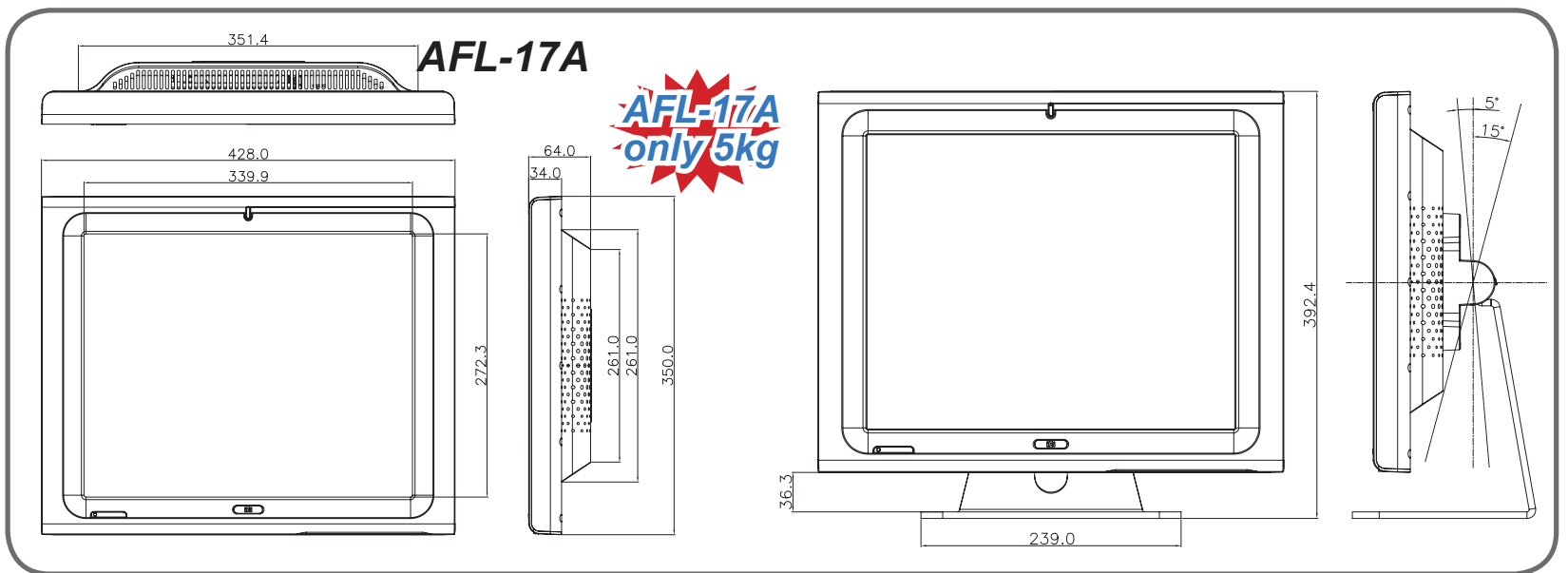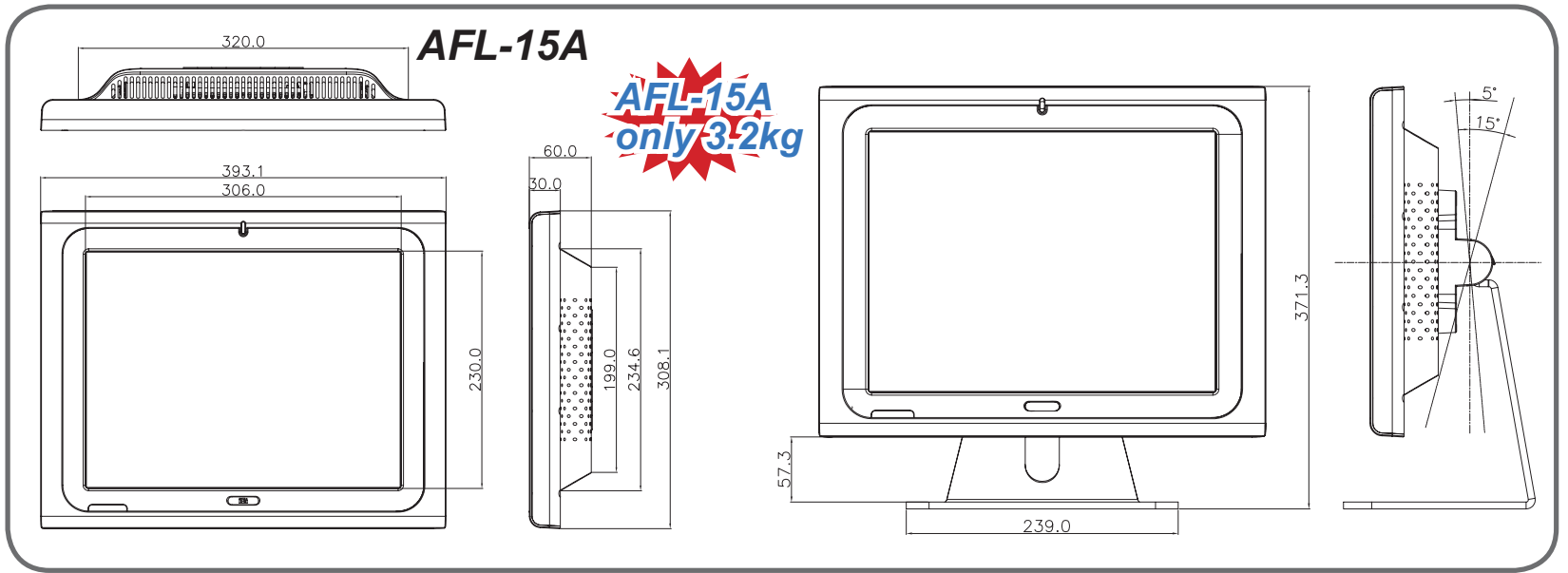
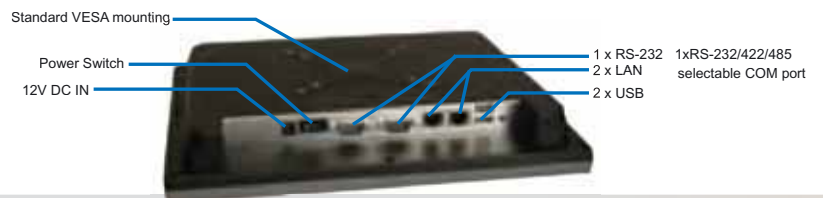| Model	AFL-07A-LX-R11	AFL-08A-LX-R11/ AFL-08AH-LX-R11	AFL-10A-LX	AFL-12A-LX-R11
LCD Size	7"	8.4"	10.4"	12.1"
Max Resolution	800 * 480	800 * 600	800 * 600	1024 * 768
Brightness (cd/m^2)	350	220/450	400	450
Contrast Ratio	400:1	500:1	500:1	700:1
LCD Color	262K	262K	262K	262K
Pixel Pitch (mm)	0.1905(H) x 0.1905(V)	0.213(H) x 0.213(V)	211.2(H) x 158.4(V)	0.240(H) x 0.240(V)
Viewing Angle (H-V)	140/110	130/110 120/100	120/100	160/160
Backlight MTBF	30000	20000 / 50000	50000	50000
SBC Model	AFLMB-LX800	AFLMB-LX800	AFLMB-LX800	AFLMB-LX800
CPU	AMD Geode™ LX 800 (500MHz)	AMD Geode™ LX 800 (500MHz)	AMD Geode™ LX 800 (500MHz)	AMD Geode™ LX 800 (500MHz)
Chipset	AMD Geode™ LX 800 + AMD Geode™ CS5536	AMD Geode™ LX 800 + AMD Geode™ CS5536	AMD Geode™ LX 800 + AMD Geode™ CS5536	AMD Geode™ LX 800 + AMD Geode™ CS5536
RAM	Supports one 1GB (maximum) 333MHz or 400MHz DDR SO-DIMM	Supports one 1GB (maximum) 333MHz or 400MHz SO-DIMM	Supports one 1GB (maximum) 333MHz or 400MHz SO-DIMM	Supports one 1GB (maximum) 333MHz or 400MHz 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 USB 2.0 1 x Power Switch 1 x Reset Button	1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for 10/100Mbps LAN 2 x USB 2.0 1 x Power Switch 1 x Reset Button	1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for 10/100Mbps LAN 2 x USB 2.0 1 x Power Switch 1 x Reset Button	1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for 10/100Mbps LAN 2 x USB 2.0 1 x Power Switch 1 x Reset Button
SSD	CF Type II	CF Type II	CF Type II	CF Type II
Audio	AMP 1.5W + 1.5W	AMP 1.5W + 1.5W	AMP 1.5W + 1.5W	AMP 1.5W + 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 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 Mini PCI (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0)
HDD Drive Bay	N/A	N/A	N/A	1 x 2.5" IDE HDD bay or Optional GPRS Module
Optional GPRS Module (support GSM 850,EGSM 900,DCS 1800 & PCS 1900)	N/A	N/A	Yes	
Construction Material	ABS + PC Plastic front frame	ABS + PC Plastic front frame	ABS + PC Plastic front frame	ABS + PC Plastic front frame
LED Function	1 x Power ON/OFF LED on front panel	1 x Power ON/OFF LED on front panel	1 x Power ON/OFF LED on front panel	1 x Power ON/OFF LED on front panel
Mounting	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm / 100 x 100mm
Front Panel Color	Gray 7539U	Gray 7539U	Gray 7539U	Gray 7539U
Dimension (WxHxD) (mm)	226 x 140 x 41	234 x 184 x 42	276 x 227 x 50.7	304 x 246 x 50
Operation Temperature (°C)	0°C~50°C	0°C~50°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
Net Weight	0.6Kg	0.8Kg	1.4Kg	1.8Kg
IP Level(front panel)	IP 64	IP 64	IP 64	IP64
Safety & EMI	Meet CE, EMC, FCC and CB	Meet CE, EMC, FCC and CB	Meet CE, EMC, FCC and CB	Meet CE, EMC, FCC and CB
Touch Screen	Resistive Type 4-Wire (touch controller IC is on board)	Resistive Type 4-Wire (touch controller IC is on board)	Resistive Type 5-Wire (touch controller IC is on board)	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-FSP0361AD101C-RS Power: 36W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC	P/N:63000-FSP0361AD101C-RS Power: 36W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC	P/N:63000-FSP0361AD101C-RS Power: 36W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC
Power Requirement	12VDC	12VDC	12VDC	12VDC
Power Consumption	20W	20W	25W	29W

Fully Integrated I/O (AFL-07A-LX-R11,AFL-08A-LX-R11, AFL-10A-LX,AFL-12A-LX-R11)

Standard VESA mounting
Power Switch
12V DC IN

1 x RS-232   1xRS-232/422/485
2 x LAN   selectable COM port
2 x USB

Model	AFL-15A-CX	AFL-17A-CX	AFL-19A-CX
LCD Size	15"	17"	19"
Max Resolution	1024 x 768	1280 x 1024	1280 x 1024
Brightness (cd/m^2)	350	300	300
Contrast Ratio	400:1	800:1	800:1
LCD Color	262K	16.7M	16.7M
Pixel Pitch (mm)	0.297(H) x 0.297(V)	0.264(H) x 0.264(V)	0.294(H) x 0.294(V)
Viewing Angle (H-V)	120/100	160(H) / 160(V)	160(H) / 160(V)
Backlight MTBF	50000	50000	50000
SBC Model	AFLMB-CX700	AFLMB-CX700	AFLMB-CX700
CPU	VIA C7® (1.5GHz) with fan (noise: 35.1dB) Fanless VIA Eden™ (500MHz)	VIA C7® (1.5GHz) with fan (noise: 39dB) Fanless VIA Eden™ (500MHz)	VIA C7® (1.5GHz) with fan (noise: 39dB) Fanless VIA Eden™ (500MHz)
Chipset	CX700M	CX700M	CX700M
RAM	Supports one 200-pin 1GB (maximum) 400MHz or 533MHz DDR2 SO-DIMM	Supports one 200-pin 1GB (maximum) 400MHz or 533MHz DDR2 SO-DIMM	Supports one 200-pin 1GB (maximum) 400MHz or 533MHz DDR2 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 GbE 4 x USB 2.0 1 x Power Switch 1 x Reset Button	1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for GbE 4 x USB 2.0 1 x Power Switch 1 x Reset Button	1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for GbE 4 x USB 2.0 1 x Power Switch 1 x Reset Button
SSD	CF Type II	CF Type II	CF Type II
Audio	AMP 1.5W + 1.5W	AMP 1.5W + 1.5W	AMP 1.5W + 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 Bluetooth Module (USB Interface, Bluetooth V2.0)	1 x Mini PCI (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0)
HDD Drive Bay	1 x 2.5" IDE/SATA HDD bay or Optional GPRS Module	1 x 2.5" IDE/SATA HDD bay	1 x 2.5" IDE/SATA HDD bay
Optional GPRS Module (support GSM 850,EGSM 900,DCS 1800 & PCS 1900)		Yes	Yes
Construction Material	ABS + PC Plastic front frame	ABS + PC Plastic front frame	ABS + PC Plastic front frame
LED Function	1 x Power ON/OFF LED on front panel	1 x Power ON/OFF LED on front panel	1 x Power ON/OFF LED on front panel
Mounting	Wall, Stand or Arm VESA 100mm x 100mm	Wall, Stand or Arm VESA 100mm x 100mm	Wall, Stand or Arm VESA 100mm x 100mm
Front Panel Color	Silver	Silver	Silver
Dimension (WxHxD) (mm)	394 x 309 x 61	428 x 350 x 65	470x 383 x 67
Operation Temperature (°C)	0°C~40°C	0°C~40°C	0°C~40°C
Storage Temperature (°C)	-20°C~60°C	-20°C~60°C	-20°C~60°C
Net Weight	3.2kg	5kg	5.6kg
IP Level(front panel)	IP 64	IP 64	IP 64
Safety & EMI	Meet CE, EMC, FCC and CB	Meet CE, EMC, FCC and CB	Meet CE, EMC, FCC and CB
Touch Screen	Resistive Type 5-Wire (touch controller IC is on board)	Resistive Type 5-Wire (touch controller IC is on board)	Resistive Type 5-Wire (touch controller IC is on board)
Power Adapter	P/N:63000-FSP0361AD101C-RS Power: 80W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC	P/N:63000-FSP0361AD101C-RS Power: 80W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC	P/N:63000-FSP0361AD101C-RS Power: 80W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC
Power Requirement	12VDC	12VDC	12VDC
Power Consumption	41W	61W	64W

Fully Integrated I/O *(AFL-15A-CX, AFL-17A-CX, AFL-19A-CX)*

Standard VESA mount
12V DC IN
2 x USB
1 x RS-232 1xRS-232/422/485 selectable COM port
Power Switch
2 x LAN
2 x USB

Optional Internal GPRS Spec (P/N: GPRS01)

EDGE/GPRS/GSM Air interface	Quad-band operation GSM850, EGSM 900, DCS 1800, PCS 1900
	GSM Power Class 4 (2W) for 850/900 bands, GSM Power Class 1 (1W) for 1800/1900 bands
	EDGE class E2 (+27dBm in 850/900 bands, +26dBm in 1800/1900 bands)
	GSM/GPRS Rel '97; PCS1900 Rel '98; EGPRS Rel '99 compliant
EGPRS/GPRS (PS) feature set	GPRS Class 10, coding schemes 1-4
	EDGE Class 10, Multi-slot classes 1-9
	GPRS/EGPRS class B type 1 MT
	Link Adaptation
	Incremental redundancy (IR)
Operating System Supported	Windows 2000/XP Home/XP Pro
USB Interface	USB2.0 +5V DC
SIM Card Interface	3.0V interface
Temperature	-30$°C$ to +65$°C$
Humidity	up to 95% non-condensing
Dimensions	109.3 x 42.7 x 17.7mm

Built-in Bluetooth Spec (USB 2.0 interface) (P/N:BT01)

Standard	Bluetooth V2.0
Frequency Band	2.402GHz ~ 2.480GHz unlicensed ISM band
Modulation Method	GFSK for 1Mbps; Π/4-DQPSK for 2Mbps; 8-DPSK for 3Mbps
Spread Spectrum	FHSS (Frequency Hopping Spread Spectrum)
RF Output Power	Class 2 (under 4 dBm)
Antenna terminal	50 Ohms
DC power	DC 3.3 V or DC 5V
I/O interface	USB v2.0 compliant interface
Two GPIO interface	LED link indicator interface
Dimension	35 x 11 mm
Operating system supported	Windows XP, 2000, 98SE, Me

Options

	AFL-07A-LX-R11	AFL-08A-LX-R11	AFL-10A-LX	AFL-12A-LX-R11	AFL-15A-CX	AFL-17A-CX	AFL-19A-CX
Panel mounting kit	AFLPK-07	AFLPK-08	AFLPK-10	AFLPK-12	-	-	-
Wall mounting kit	AFLWK-07	AFLWK-08	AFLWK-10	AFLWK-12	AFLWK-15	AFLWK-17	AFLWK-19
Rack mounting kit	AFLRK-07	AFLRK-08	AFLRK-10	AFLRK-12	-	-	-
Stand	STAND-A08	STAND-A08	STAND-A12	STAND-A12	STAND-A19 STAND-B19	STAND-A19 STAND-B19	STAND-A19 STAND-B19
OS: WIN CE 5.0	*AFLCF-07-LX-CE	*AFLCF-08-LX-CE	*AFLCF-10-LX-CE	*AFLCF-12-LX-CE	*AFLCF-15-CX-CE	*AFLCF-17-CX-CE	*AFLCF-19-CX-CE
OS:WIN XPE	*AFLCF-07-LX-XPE	*AFLCF-08-LX-XPE	*AFLCF-10-LX-XPE	*AFLCF-12-LX-XPE	*AFLCF-15-CX-XPE	*AFLCF-17-CX-XPE	*AFLCF-19-CX-XPE

* Note: Include-CF card, OS image with WINCE or XPE license and IEI Thin Client software package

* CF card capacity with CE 5.0:128MB, with XPE:1GB

Packing List

1xPower Cable	1xHDD Cable(12.1",15",17",19" model only)
1xUser Manual-CDROM	1xSATA HDD Cable(for 15",17",19"model only)
1xScrew Kit	1xeSATA Cable(for 15",17",19"model only)
1xTouch Pen	1x36W Power Adapter(for 7",8.4",10",12.1"model only)
	1x80W Power Adapter(for 15",17",19"model only)

Ordering Information

**: (GPRS01) for optional GPRS module. GPRS module for AFL-10A/12A/15A/17A/19A model only
Note: For AFL-12A/15A model, if the GPRS module is used, the HDD can't be implemented.

AFL-07A

● AFL-07A-LX/WT-R/256MB-R11: 7", 350cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-07A-LX/WT-R/512MB-R11: 7", 350cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 512MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

AFL-08A

High Brightness Available

● AFL-08AH-LX/WT-R/256MB-R11: 8.4", 450cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-08AH-LX/WT-R/512MB-R11: 8.4", 450cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 512MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-08A-LX/WT-R/256MB-R11: 8.4", 220cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-08A-LX/WT-R/512MB-R11: 8.4", 220cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 512MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

AFL-10A

● AFL-10A-LX/WT-R/256MB/**(GPRS01): 10.4", 400cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-10A-LX/WT-R/512MB/**(GPRS01): 10.4", 400cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 512MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

AFL-12A

● AFL-12A-LX/WT-R/256MB-R11/**(GPRS01): 12.1", 450cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-12A-LX/WT-R/512MB-R11/**(GPRS01): 12.1", 450cd/m^2 fanless panel PC with AMD Geode™ LX 800 CPU, 512MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

AFL-15A

● AFL-15A-CX-15GZ/WT-R/512MB/**(GPRS01): 15", 350cd/m^2 panel PC with VIA C7® CPU, 512MB DDR2 RAM, 802/11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-15A-CX-05GZ/WT-R/512MB/**(GPRS01): 15", 350cd/m^2 fanless panel PC with VIA Eden™ CPU, 512MB DDR2 RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

AFL-17A

● AFL-17A-CX-15GZ/WT-R/512MB/**(GPRS01): 17", 300cd/m^2 panel PC with VIA C7® CPU, 512MB DDR2 RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-17A-CX-05GZ/WT-R/512MB/**(GPRS01): 17", 300cd/m^2 fanless panel PC with VIA Eden™ CPU, 512MB DDR2 RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

AFL-19A

● AFL-19A-CX-15GZ/WT-R/512MB/**(GPRS01): 19", 300cd/m^2 panel PC with VIA C7® CPU, 512MB DDR2 RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

● AFL-19A-CX-05GZ/WT-R/512MB/**(GPRS01): 19", 300cd/m^2 fanless panel PC with VIA Eden™ CPU, 512MB DDR2 RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

Maximize Your Business Potential

The streamline AFOLUX series all-in-one panel PC offers installation versatility with its wide ranging mounting options that help maximize your business potential

AFO LUX

7"-19" All-in-one Panel PC

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