



AFOLUX All-in-One Touch Panel PC



ENTERTAINMENT



INDUSTRIAL



COMMERCIAL

AFL-15C-9652 / AFL-17C-9652 / AFL-19C-9652
15" ~ 19" Powerful Core™ 2 Duo Touch Panel PC

2008 NEW!



● Extreme Performance

- Intel® Core™2 Duo processor with 800 MHz FSB
- Intel® Celeron® M with 533 MHz FSB

● Superior Wireless Technology

- 802.11 a/b/g/n high-speed wireless connection
- Bluetooth enabled
- GPRS/HSDPA mobile Internet access (Optional)

● Advanced Management Utility

- IAMT ready to simplify IT manageability
- iSMM management utility support
- Smart fan support



AFOLUX AFL-15C/17C/19C-9652 series is an all-in-one system designed around a highly integrated Intel® Core™ 2 Duo/Celeron® M ULV single board computers. The 9652 AFOLUX panel PC supports super wide viewing angles touch panel displays from 15-inch VGA to 19-inch SXGA and offers state-of-the-art functions. AFOLUX 9652 series are perfect for a wide range of performance intensive applications.

High Performance Computing

- Intel® Core™2 Duo processor with 800 MHz FSB
- Intel® Celeron® M with 533 MHz FSB



Significant Video Enhancements

- Intel® Clear Video Technology



Enhanced 3D Graphics

- Mobile Intel® GMA X3100



OSD Control

- Convenient OSD (On-screen-display) control below the panel



IAMT

- Professional level Manageability & Security



State-of-the-art Wireless Technology



Main Features

Extreme Performance

- High performance Intel® Core™2 Duo processor with 2.2 GHz FSB and Intel® Celeron® 2.0 GHz platform
- Two 2.0 GB (max.) DDR2 SO-DIMM (system max. 4.0 GB)
- 2.5" HDD and CF card storage capability

Hardware Monitoring

- Smart fan makes the system cooler and quieter
- IEI exclusive iSMM system management module for the system auto diagnosis
- Watchdog timer with automatic system restart function decreases maintenance costs and suitable for 24-hour service applications

Extreme Wireless Performance

- Built-in Bluetooth module increase peripheral device connections
- Built-in 802.11 a/b/g/n WiFi module with real throughput transmission speeds of up to 540 Mbps
- Optional GPRS/HSDPA for the best mobile network solution

Special Features

- Two built-in speakers and one audio line-out extend voice functions for kiosks, POS and advertising applications
- Supports OSD (on-screen display) feature with LCD on/off, brightness and volume adjustment
- Selectable AT or ATX power mode
- IP 64 front panel protection

Diverse Applications For You

1 Industrial



Assembly Line



Productions Line



Digital Surveillance



Parking System

2 Commercial



Conference Room



Music Production Studio



Home Automation



Interview Terminal

3 Transportation



Lift Truck Scale Control System



Car PC



Vehicle Information System



Fleet Management

4 Infotainment



POS System



Digital Signage



kiosk



Gaming Machine

5 General Computing



Computer-based testing center



National Congress Voting System



Medical PC

Feature 1 : Extreme Performance

Powerful AFL-9652 series with dual-core processor especially ideal for those looking to boost their system's multitasking computing power.

- High performance Intel® Core™2 Duo processor with 2.2 GHz FSB and Intel® Celeron® 2.0 GHz FSB platform
- Intel® GME 965 chipset
- Two 2.0 GB (max.) DDR2 SO-DIMM (system max. 4.0 GB)
- 2.5" HDD and CF card storage capability

Better System Responsiveness and Multi-tasking Capability

Intel® processor technology	Intel® Centrino®	Intel® Centrino® Duo	Intel® Centrino® Duo	Intel® Centrino® Pro
Processor	Intel®	Intel®	Intel®	Intel®
	Core™ Solo	Core™ Duo	Core™ 2Duo	Core™ 2Duo
CPU number sequence Δ	T1000/U1000 series	T2000/L2000 series	T5000; L7000/T7000/ U7000 series	L7000/T7000/ U7000 series
Number of cores	1	2	2	2
Chipset [†]	Intel® 945 Express chipset			Intel 965 Express chipset
Mobile performance				
FSB	533/667 MHz	533/667 MHz	533/667 MHz	800 MHz (533 MHz for U7000 series)
L2 Cache	2MB	2MB	2/4MB	4MB (max.)
Clock speed	1.83 GHz (max.)	2.33 GHz (max.)	2.33 GHz (max.)	2.6 GHz (max.)
Memory support (DDR2)	667 MHz (max.)	667 MHz (max.)	667 MHz (max.)	667 MHz (max.)
Intel® 64	V	-	V	V
Intel® Wide Dynamic Execution	V	-	V	V
Intel® Smart Memory Access	V	-	V	V
Intel® FSB Frequency Switching	-	-	-	V

AFL-9652 high computing platform with the mobile Intel® GME965 Express chipset featuring the Mobile Intel® Graphics Media Accelerator X3100 provides enhanced graphics.

Excellent Video Playback Capability

AFL-9652 with unique video processing hardware and software technologies enables stunning video playback:

- MPEG-2 Hardware Acceleration
- WMV9 Hardware Acceleration
- ProcAmp
- Advanced Pixel Adaptive De-interlacing
- Sharpness Enhancement
- De-Noise Filter
- High Quality scaling
- Film mode detection and correction

GMA 950 w/o Intel® Clear Video Technology



Mobile Intel® GMA X3100 with Intel® Clear Video Technology



Get stunning visual results!

Feature 2 : Reliable Transmission

1 Dual Gigabit Ethernet Redundancy

Two separate LAN ports that can be connected to separate LAN networks. Dual LAN redundancy involves setting up two separate physical networks. If one of the networks fails, the PC host will still be able to communicate with the serial devices over the other LAN.



2 Selectable RS-232/422/485 for Fast Data Transmission

Two independent RS-232 and RS-232/422/485 serial ports for connecting data acquisition equipment and many other serial devices to AFOLUX PPC.



Selectable RS-232/422/485 by easy setting

	RS-232	RS-422	RS-485
Mode of Operation	Single ended	Differential	Differential
Maximum Cable	50 ft.	4000 ft.	4000 ft.
Max. Data Rate	20 kb/s	10 mb/s-100 kb/s	10 mb/s-100 kb/s

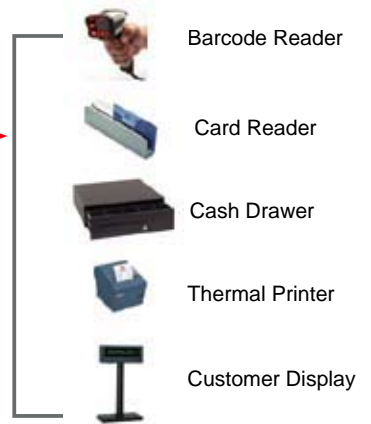


Powered RS-232 with 5 VDC or 12 VDC extends the connection



Selectable 5V/12V/RI COM port expands the connectivity !

The COM 1/2 Pin 9 setting jumper configures pin 9 on COM 1 and COM 2 as either a +5 V, +12 V power source or RI status. The COM 1/2 Pin 9 Setting jumper selection options can be easily set with a jumper.



Industrial Automation

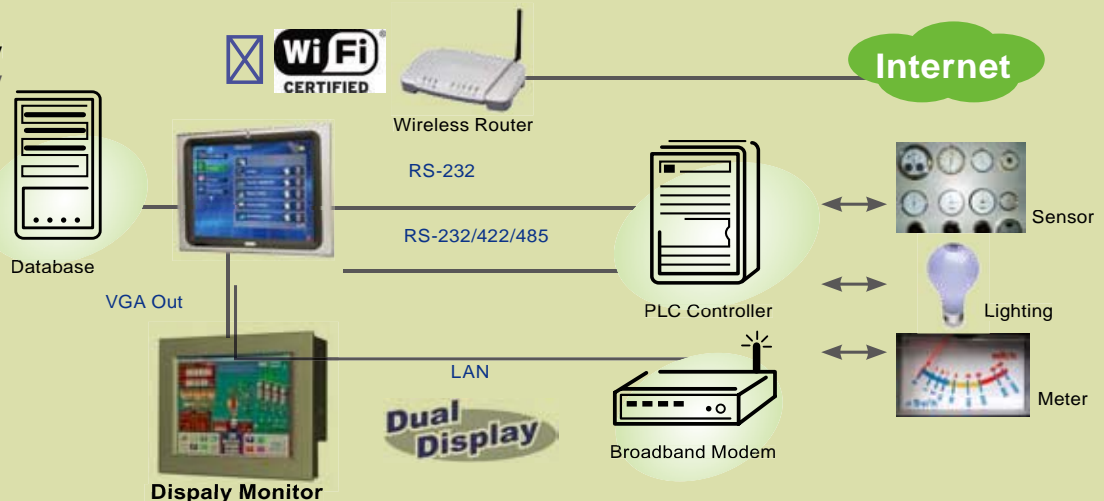
Requirements:

Maximum Performance and Flexibility with Intel® Core™ 2 Duo Technology

Equipped with powerful processors and is excellently suited for the fast processing of large data volumes.

Reliable

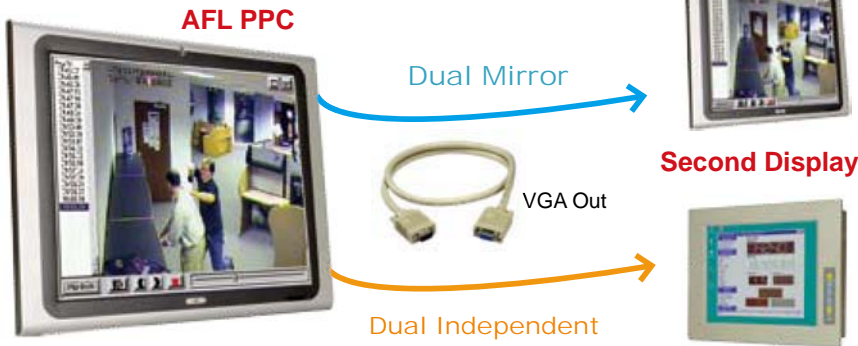
- IP 64 front panel protection for harsh environment encounter
- Dual 10/100 Gigabit Ethernet support to allocate factory zone to reduce the network collision and crash, or virus infection.
- RS-232/422/485 solutions for industrial automaton and data acquisition applications.



Feature 3 : Better Viewing

1 Dual Display

AFL-9652 series provides additional display design flexibility for dual advertising and information broadcasting



Benefits:

- Saving the cost of installing another digital signage player
- Independent content playback will attract viewers' attention
- Allows the main system and second display to play the multiple video/image formats

Increasing demand for dual-display !

Dual-display systems are becoming increasingly popular. Multiple display systems enables increased product selling points by increasing the screen space available to each system.



Dual-display POS

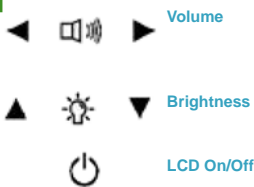


Interview kiosk



Check-in kiosk in the airport

2 OSD Adjustment



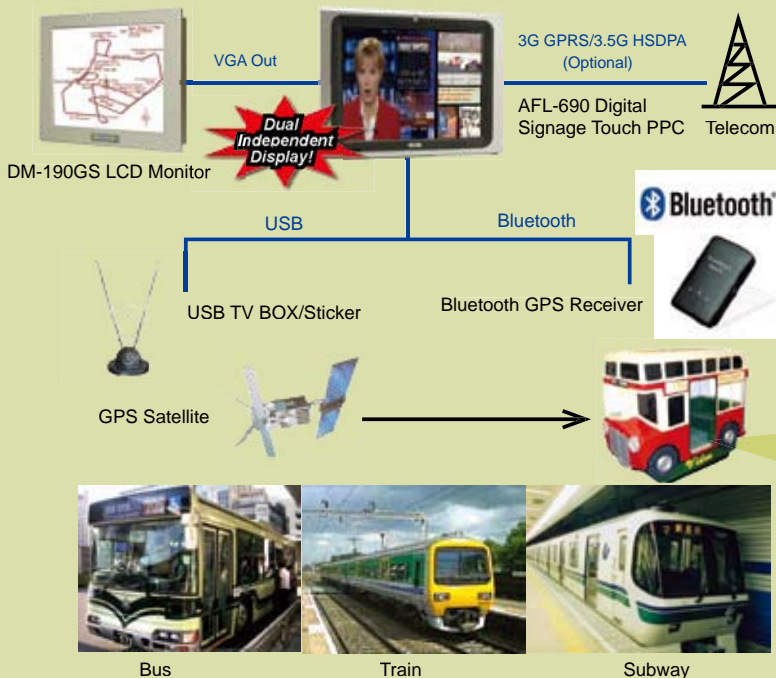
For convenience, AFL-965 series especially designed with OSD keypad below the front panel allow fast volume and brightness adjustment.



OSD keypad below the front panel keeps the clear appearance

Vehicle Information System

With the help of GPRS/HSDPA 3G/3.5G communication, the AFL-15C/17C/19C-9652 series can do much more than you can imagine. Applications such as station information display in a moving bus and advertising in the subway,



Requirements:

Maximum Performance and Flexibility with Intel® Core™2 Technology

Mobile Intel® GMA X3100 with Intel® Clear Video Technology provides stunning video playback

Dual Independent Display

Optional GPRS/HSDPA mobile wireless connection

Bluetooth technology allows more device connection

Integrated 3W speakers to attracts the audience attention

Feature 4 : Embrace the Wireless Era

1 High Speed Wireless Connectivity



AFL-9652 series panel PC are compatible with 802.11a, 802.11b, 802.11g, and 802.11n wireless standards. Operating at frequencies of 5 GHz or 2.4 GHz frequency at data rates of up to 540 Mbps, you can now connect your computer to existing high-speed networks that use multiple access points within large or small environments.



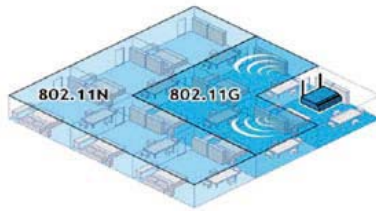
Three Hidden Antennas Inside

Integrated PIFA antenna on the AFOLUX ensures an uninterrupted wireless connection. PIFA (Planar Inverted F Antenna) type antenna 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.



Elegant design without external antennas

802.11n network can deliver up to five times the speed and twice the range of an 802.11g network.



	802.11a	802.11b	802.11g	802.11n
Data Rate (Mbps)	54	11	54	540
Range (Radius Indoor)	35 Meters	38 Meters	38 Meters	70 Meters
Range (Radius Outdoor)	120 Meters	140 Meters	140 Meters	250 Meters
Radio Frequency	5.15 GHz to 5.85 GHz	2.4 GHz to 2.5 GHz (dependent on country)	2.4 GHz to 2.5 GHz (dependent on country)	2.4 GHz or 5.0 GHz

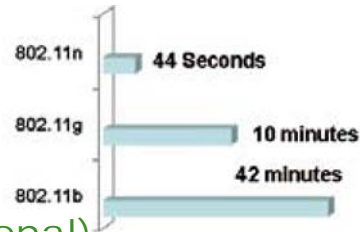
Enjoy both the speed of wired Ethernet and the mobility of **WLAN!**

Some of the current and emerging applications that are driving the need for 802.11n are Voice over IP (VoIP), streaming video and music, gaming, and network attached storage.

802.11a	802.11b/g	802.11n
Access to email, instant image and the Internet	Streaming music Streaming video	VoIP Gaming NAS

50 times faster than 802.11b
10 times faster than 802.11g

Compares the time it would take to transfer a 30-minute video file. At the best data transfer rate, it would take 42 minutes to copy the file using 802.11b, and less than a minute with a 802.11n.



2 GPRS/HSDPA Mobile Solution (Optional)

An optional IEI HSDPA/GPRS module on the AFOLUX all-in-one panel PC enables easier access to the Internet through a WCDMA/GSM network, allowing web browsing, corporate and Internet email, vehicle positioning, remote LAN access, document sharing and collaborative working.

Fleet Management and Car Security



GPRS networks allow for rapid connectivity to the Internet, sending data in short bursts on the move.



- vehicle tracking
- mechanical diagnostics
- driver behavior tracking.

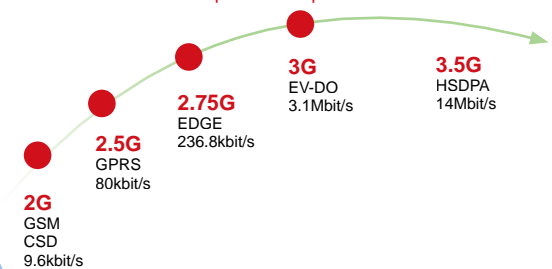


GPRS



High connections to GPRS-enabled cellular networks all over the world.

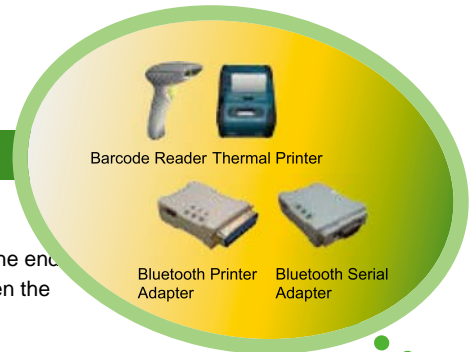
2.5G/3.5G Downlink Speed Comparison Table



A Industrial Applications

Wireless Bar Code Scanner and Thermal Printer

It is always a headache to scan a hard to reach bar code label with a cable attached to the end of the scanner. Therefore, to scanning and printing without the limitation of cable has been the dream of many users.



Support up to 7 connections with one USB Bluetooth dongle or Bluetooth Devices!



Traditional Industrial Device
Wired COM port/USB interface, usage limited to the length of cable

AFL PPC Bluetooth-enabled computing platform

30~100 meters

Transfer of relevant data from the mobile bluetooth enabled device to the floor manager's unit system and print for on demand labels or receipt requirement.



Cordless Benefits

- Maximum freedom for scanning and printing
- Operators can move around the factory site or counter
- Real time data transmission to the host
- Supports both master and client modes connection with other Bluetooth devices

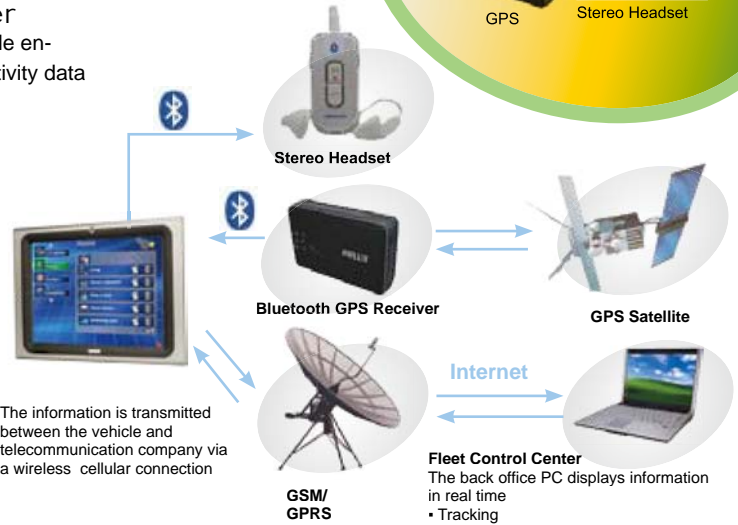
B Extension Applications

Bluetooth Headset and GPS Receiver

A Bluetooth enabled GPS device installed in the vehicle enables real-time monitoring and recording of vehicle activity data including the vehicle's speed, position, direction etc.



Fleet Management



The information is transmitted between the vehicle and telecommunication company via a wireless cellular connection

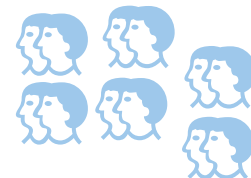
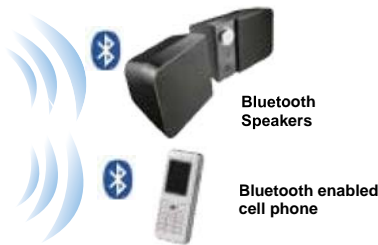
Fleet Control Center
The back office PC displays information in real time

- Tracking
- Messaging & Navigation
- Telemetry Monitoring

Push Marketing



AFOLUX PPC being used as an advertising unit to send the promotion content via Bluetooth technology



Audience receive content and music via Bluetooth technology

C

Input Applications

Wireless keyboard, keypad and mouse

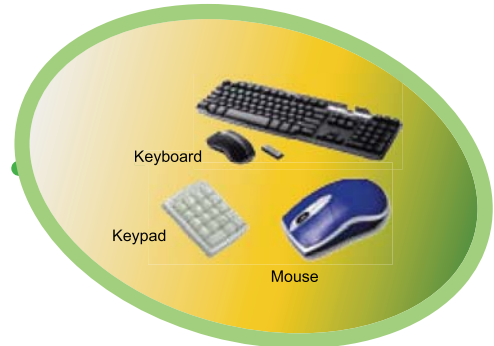
Get the most at your desk with a simplified wireless work space.



Space Sensibility



Make your desk space sleek and organized



Keyboard

Keypad

Mouse

3

Bluetooth Wireless Connectivity

Do wires still inconvenience you when you try to connect peripherals to your system? Bluetooth module integrated into the AFOLUX all-in-one panel PC transmits information between peripheral devices through a complete Bluetooth network.



Bluetooth Technology

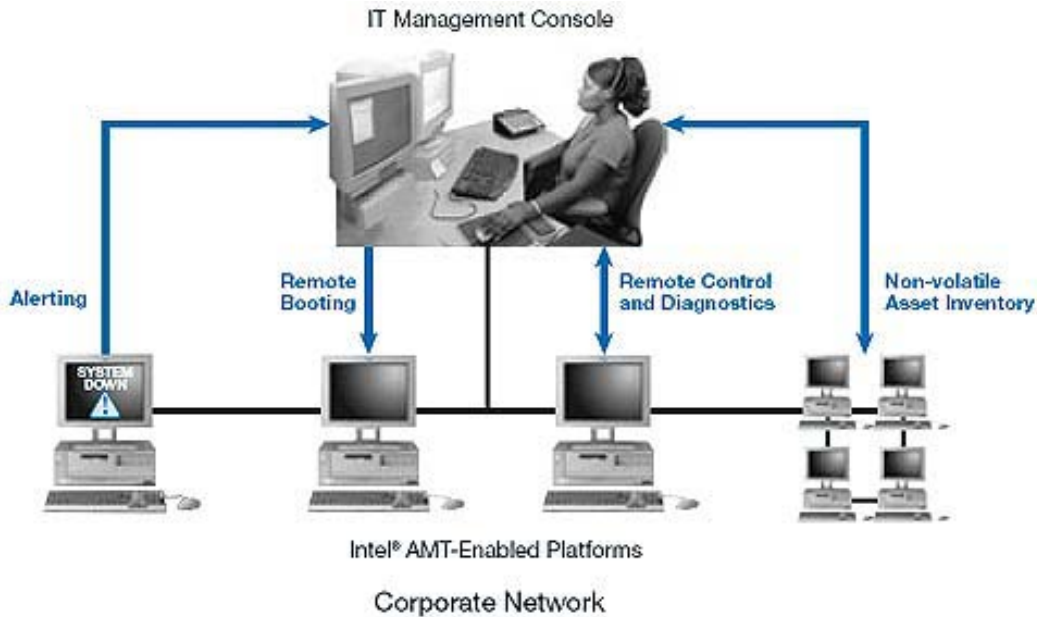
- Towards voice and data applications
- Operates in the unlicensed 2.4 GHz spectrum
- Operates over a distance of 10 meters or 100 meters depending on the Bluetooth device class.
- Able to penetrate solid objects
- Able to connect up to seven bluetooth-enabled devices simultaneously



Bluetooth Module Inside

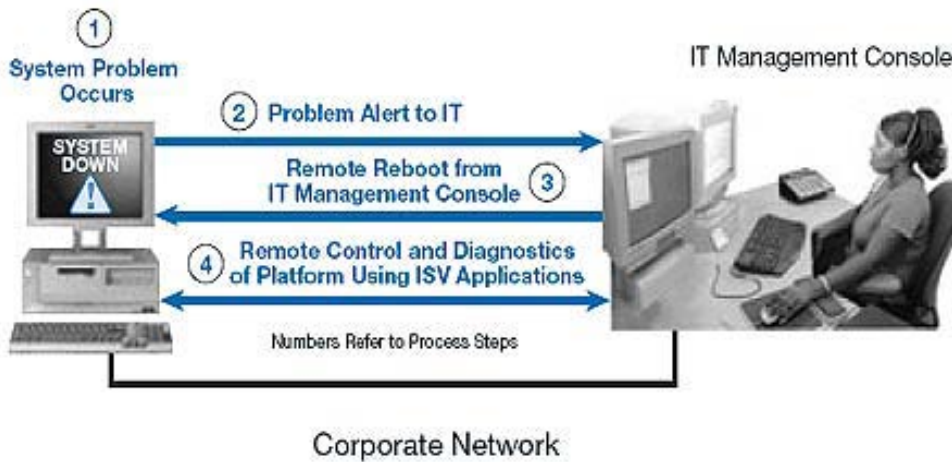
IAMT Ready to Simplify IT Manageability

Powerful AFL-9652 series built-in with Intel 82566MM Gigabit Network Connection under the Windows XP Pro x32 or Vista (client system) allows corporate IT departments remotely discover, heal and protect networked computing assets, regardless of system state.



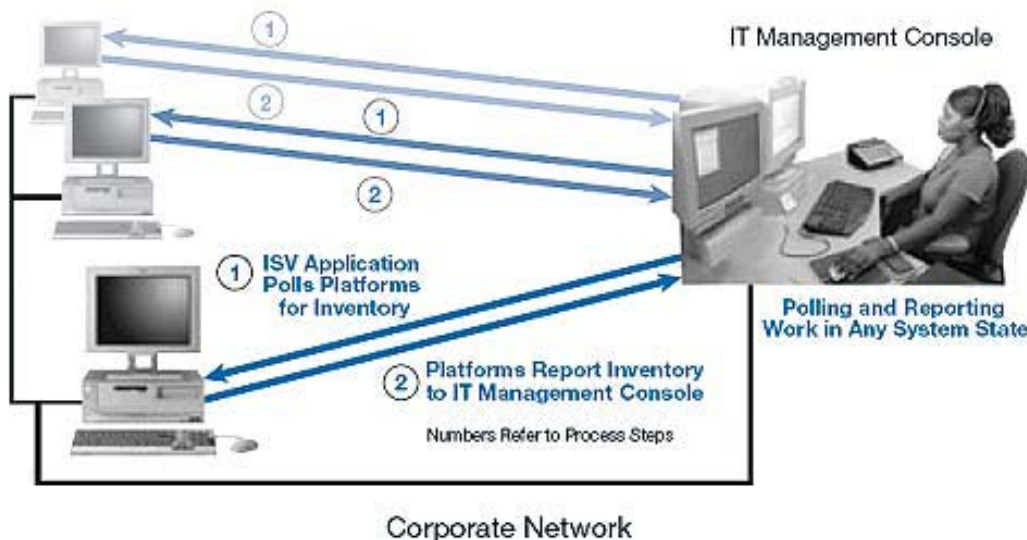
Discover

Intel® Active Management Technology (Intel® AMT) stores hardware & software information in non-volatile memory and allows IT to discover the assets, even while PCs are powered off**. With Intel® AMT, remote consoles do not rely on local software agents, helping to avoid accidental data loss.



Heal

Intel AMT provides out-of-band management capabilities to allow IT to remotely heal systems after OS failures. Alerting & event logging help IT detect problems quickly to reduce downtime.



Protect

Intel AMT helps to protect your network by making it easier to keep software and virus protection consistent and up-to-date across the enterprise. Third party software can store version numbers or policy data in non-volatile memory for off-hours retrieval or updates.

Selectable AT or ATX Power Mode

Flexible AT/ATX power mode easily selected by switch in front of the rear allows you to select the most suitable power mode for your unique requirements.

AT Mode

- Easy to turn on/ off with wall/ panel mounting
- Automatic start when power connected

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

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.

ATX Mode

- Power management
- Remote control advantage

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.

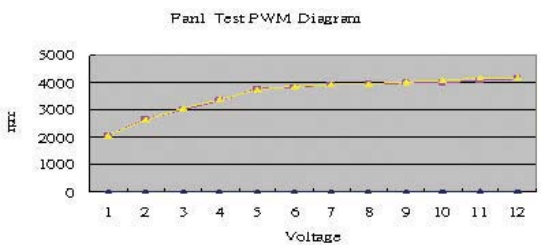
The standby function on the ATX mode power supply allows the AFOLUX panel PC to be turned on/off remotely via network. Users can set up each panel PC to be turned on/off at different times. Remote power mode control is perfect for advertising applications. Broadcasting times for each AFOLUX can be set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

Reliability

AFL-9652 series with strong hardware surveillance functions:

1. Smart Fan

The hotter the CPU the faster the fan spins. This allows the fan to run silently for the majority of the time.



Benefits:

- System automatically self-adjusts the speed of fans depends on the most proper operation
- Extend the MTBF of fans and system lifetime
- Reduce the noise production



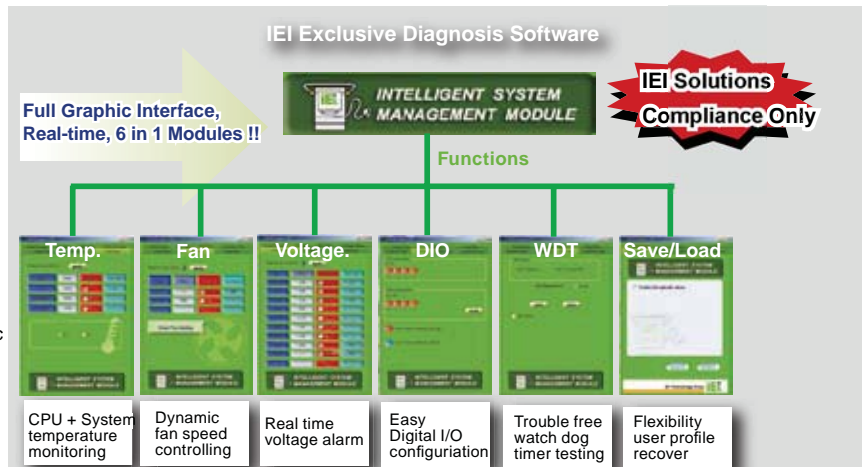
Fan utility that self-adjusts the CPU fan and two external fans..

2.iSMM

IEI iSMM is a system health supervision API which utilizes sensor chips on IEI motherboards to track system and CPU temperatures, voltages, cooling fan speed., WDT and Digital I/O set up status . By quickly capturing and providing feedback about the system health data, users can prevent disasters such as system instability or damage.

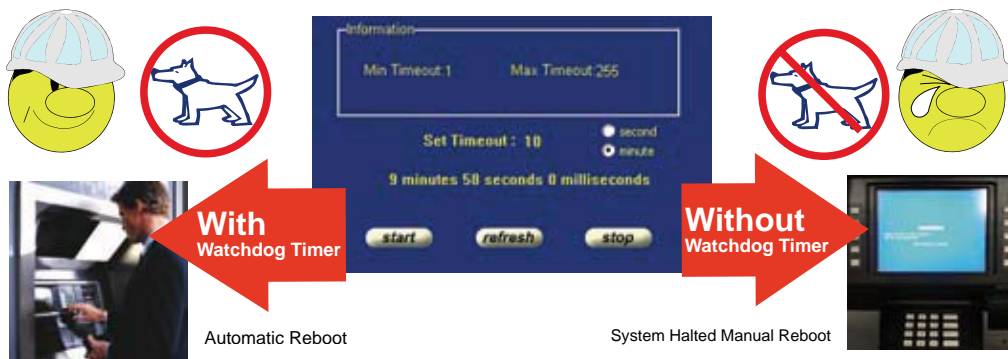
Features

- External and on-chip voltages data feedback
- CPU & System temp data feedback
- Cooling fan speed data feedback
- Cooling fan speed controlled by PWM/On-Off/ Automatic Mode
- Warning signals by beeper and sound effect
- WDT Test
- Programmable Digital I/O
- System health configurations save and load



3.Watch Dog Timer

The AFOLUX panel PC includes a watchdog timer. The watchdog timer allows the system to automatically recover from a system crash. When the CPU stops working correctly, the watchdog timer waits for a preset period of time, and then performs a hardware reset (cold boot) or a Non-Maskable Interrupt (NMI) to bring the system back to a known state



Benefits

- Making your service systems more self-reliant
- Decreasing maintenance cost



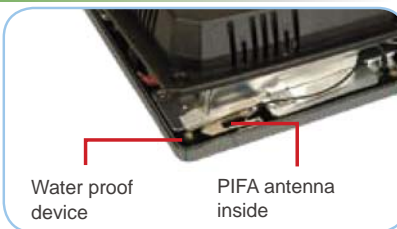
In most cases there is no user around to reset the computer when things go wrong. That job is occupied by the watchdog timer.

4.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 waterproof. The AFOLUX front panel can withstand any industrial environment where dust and drizzle is encountered.

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.



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.

IEI Quick Mounting Technology

Install Anywhere~

The AFOLUX PPC series with VESA standard mounting holes design, can be mounted virtually anywhere and in any forms including wall mounting, panel mounting, stand and arm options, giving you the flexibility to place the system in the best location.



• Wall Mount



Food ordering Kiosk on the wall enhance the efficiency

Requires no cut out in the wall surface. It mounts directly on the existing wall or desk.

Wall Mount Kits



AFLWK-19
Fastening the retention screw to secure the PPC



• Desktop Stand



STAND-A19

Forward & Back Tilt



Portrait/Landscape

Height Adjustment(13 cm)

STAND-B19

Right/Left Pan (270°)

Forward & Back Tilt(+25°/-5°)

• Panel Mount

Requires a cut out in the wall surface. With four clamps to tighten the screws that pass through the panel mounting clamps



Easy installed in the KIOSK enclosure



Panel Mount Kit

AFLPK-19B



• ARM

Adjustable monitor arms could be easily mounted on the wall, ceiling, and desk.



Mounting with adjustable arms to everywhere

Easy cable organize !!



ARM-11-RS



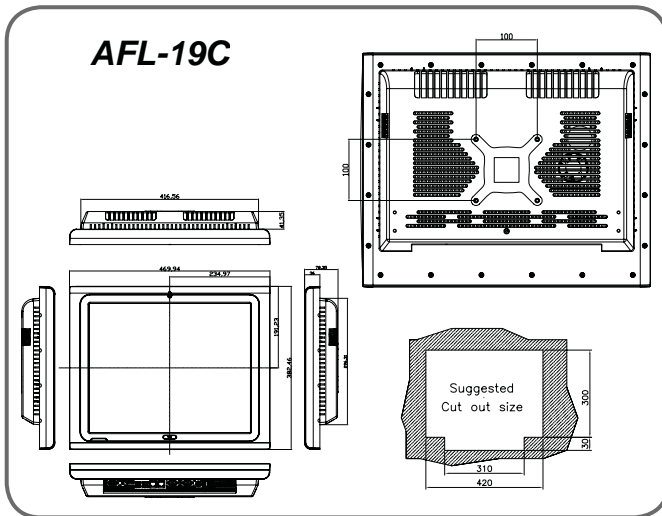
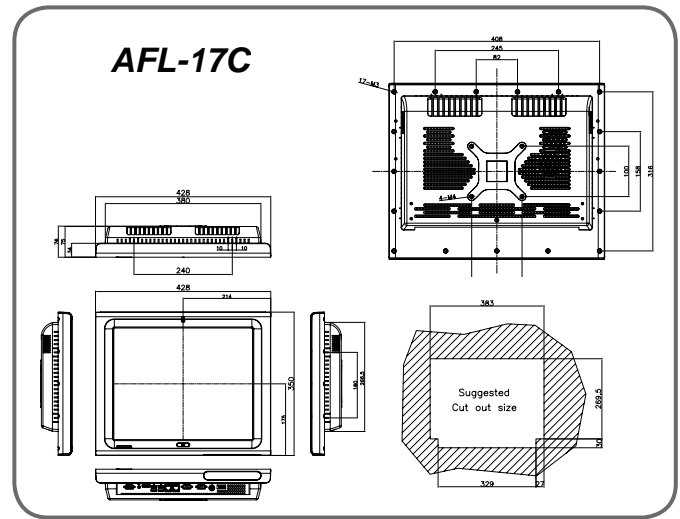
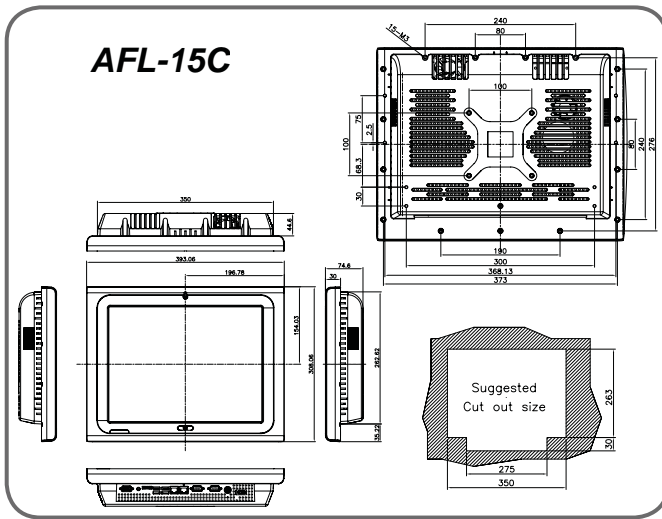
ARM-31-RS

Specifications



Model	AFL-15C-9652	AFL-17C-9652	AFL-19C-9652
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	700:1	800:1	1000:1
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)	140(H) / 125(V)	160(H) / 160(V)	178(H) / 178(V)
Backlight MTBF	50000 hrs	50000 hrs	50000 hrs
CPU	Celeron® M 550 2.0 GHz CPU Core™2 Duo T7500 2.2GHz CPU	Celeron® M 550 2.0 GHz CPU Core™2 Duo T7500 2.2GHz CPU	Celeron® M 550 2.0 GHz CPU Core™2 Duo T7500 2.2GHz CPU
Chipset	Intel® GME965 Chipset	Intel® GME965 Chipset	Intel® GME965 Chipset
RAM	Supports two 2.0 GB (max.) 400 MHz DDR2 SO-DIMM (system max. 4.0 GB)	Supports two 200-pin 4.0 GB (max.) 400 MHz DDR2 SO-DIMM (system max. 4.0 GB)	Supports two 200-pin 4.0 GB (max.) 400 MHz DDR2 SO-DIMM (system max. 4.0 GB)
I/O Ports and Switches	1 x VGA 1 x RS232 COM Port 1 x RS232 or 422/485 COM Port 2 x RTL8110SC for Giga LAN 4 x USB 2.0 1 x Audio Port 1 x Power Switch 1 x eSATA 1 x Reset Button 1 x Power Jack	1 x VGA 1 x RS232 COM Port 1 x RS232 or 422/485 COM Port 2 x RTL8110SC for Giga LAN 4 x USB 2.0 1 x Audio Port 1 x Power Switch 1 x eSATA 1 x Reset Button 1 x Power Jack	1 x VGA 1 x RS232 COM Port 1 x RS232 or 422/485 COM Port 2 x RTL8110SC for Giga LAN 4 x USB 2.0 1 x Audio Port 1 x Power Switch 1 x eSATA 1 x Reset Button 1 x Power Jack
SSD	CF Type II	CF Type II	CF Type II
Audio	AMP 3W + AMP 3W	AMP 3W + AMP 3W	AMP 3W + AMP 3W
Expansion	1 x PCIe mini card (802.11 a/b/g/n)(Wireless LAN Module)1 x Bluetooth Module (internal USB interface, Bluetooth V2.0)	1 x PCIe mini card (802.11 a/b/g/n)(Wireless LAN Module)1 x Bluetooth Module (internal USB interface, Bluetooth V2.0)	1 x PCIe mini card (802.11 a/b/g/n)(Wireless LAN Module)1 x Bluetooth Module (internal USB interface, Bluetooth V2.0)
HDD Drive Bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay	1 x 2.5" SATA HDD bay
Optional GPRS Module(support GSM 850,EGSM 900,DCS 1800 & PCS1900)	Yes	Yes	Yes
Construction Material	ABS + PC Plastic front frame	ABS + PC Plastic front frame	ABS + PC Plastic front frame
LED Functions	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 and Arm (VESA 100 mm x 100 mm)	Panel, Wall, Rack, Stand and Arm (VESA 100 mm x 100 mm)	Panel, Wall,Stand and Arm (VESA 100 mm x 100 mm)
Front Panel Color	Gray 7539U	Gray 7539U	Gray 7539U
Dimension (WxHxD) (mm)	393.06 x 308.06 x 74.6	428 x 350 x 76	469.94 x 382.46 x 78.35
Operation Temperature (oC)	0°C~40°C for HDD 0°C~45°C with CF card or SATA interface 2.5" SSD HDD	0°C~40°C for HDD 0°C~45°C with CF card or SATA interface 2.5" SSD HDD	0°C~40°C for HDD 0°C~45°C with CF card or SATA interface 2.5" SSD HDD
Storate Temperature (oC)	-20°C~60°C	-20°C~60°C	-20°C~60°C
Net Weight	5.8 Kg	5.8 Kg	6.2 Kg
IP Level (front panel)	IP 64	IP 64	IP 64
EMC	CE,FCC,CCC	CE,FCC,CCC	CE,FCC,CCC
Safety	UL,CB	UL,CB	UL,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-FSP096AHB-RSPower: 96WInput: 90VAC~264VAC @ 50/60HzOutput: 12VDC	P/N: 63000-FSP096AHB-RSPower: 96WInput: 90VAC~264VAC @ 50/60HzOutput: 12VDC	P/N: 63000-FSP096AHB-RSPower: 96WInput: 90VAC~264VAC @ 50/60HzOutput: 12VDC
Power Requirement	12VDC	12VDC	12VDC
Power Consumption	69W (Intel® T7500, 2GB memory, 80G HDD)	86W (Intel® T7500, 2GB memory, 80G HDD)	88W (Intel® T7500, 2GB memory, 80G HDD)

Dimensions (Unit:mm)



Optional Internal HSDPA Specs (P/N: HSDPA01)

Band	WCDMA 850/1900/2100, GSM 850/900/1800/1900
Data Rate	HSDPA downlink 7.2Mbps, uplink 384Kbps
HSDPA/EDGE/GPRS feature set	<ul style="list-style-type: none"> HSDPA/WCDMA/EDGE/GPRS/GSM worldwide roaming WCDMA power class 3 EDGE/GPRS class B, multi-slot class 10
Operating System Supported	Windows Vista, XP, Win 2000, Mac OS X, Linux
Interface	USB 2.0
Temperature	-20°C to +65°C
Humidity	up to 95% non-condensing
Dimensions	71 x 28 x 15mm

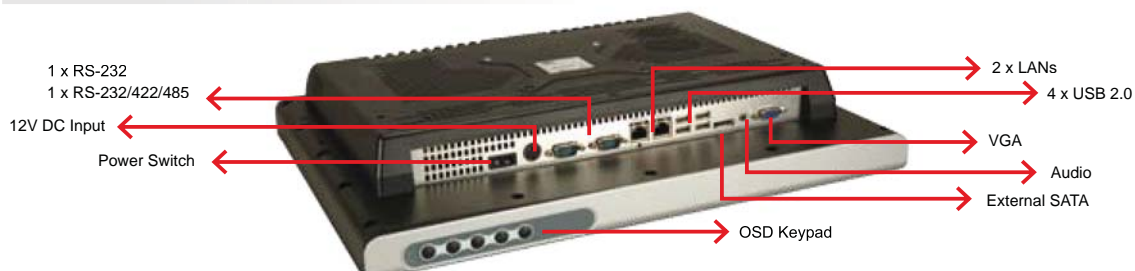
Optional Internal GPRS Specs (P/N: GPRS01)

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 Specs (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; $\pi/4$ -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
Dimensions	35 mm x 11 mm
Operating system supported	Windows XP, 2000, 98SE, Me

Fully I/O Support



Ordering Information

Part Number	Description
AFL-15C-9652-CM550/WT-R/1GB	15" 350cd/m ² XGA panel PC with Celeron® M 550 2.0GHz CPU,1GB DDR2 RAM,802.11 a/b/g/n wireless module,touch screen,Bluetooth,OSD Function,RoHS
AFL-15C-9652-T7500/WT-R/2GB	15" 350cd/m ² XGA panel PC with Core 2 Dou T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 a/b/g/n wireless module,touch screen,Bluetooth,OSD Function,RoHS
AFL-17C-9652-CM550/WT-R/1GB	17" 300cd/m ² SXGA panel PC with Celeron® M 550 2.0GHz CPU,1GB DDR2 RAM,802.11 a/b/g/n wireless module,touch screen,Bluetooth,OSD Function,RoHS
AFL-17C-9652-T7500/WT-R/2GB	17" 300cd/m ² SXGA panel PC with Core 2 Dou T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 a/b/g/n wireless module,touch screen,Bluetooth,OSD Function,RoHS
AFL-19C-9652-CM550/WT-R/1GB	19" 300cd/m ² SXGA panel PC with Celeron® M 550 2.0GHz CPU,1GB DDR2 RAM,802.11 a/b/g/n wireless module,touch screen,Bluetooth,OSD Function,RoHS
AFL-19C-9652-T7500/WT-R/2GB	19" 300cd/m ² SXGA panel PC with Core 2 Dou T7500 2.2GHz CPU,2GB DDR2 RAM,802.11 a/b/g/n wireless module,touch screen,Bluetooth,OSD Function,RoHS

Options

Model	AFL-15C-9652	AFL-17C-9652	AFL-19C-9652
Panel mounting kit	AFLPK-19B		
Wall mounting kit	AFLWK-19		
Rack mounting kit	AFLRK-15B	AFLRK-17B	AFLRK-19B
ARM	ARM-11-RS, ARM-31-RS		
Stand	STAND-A19, STAND-B19, STAND-210-RS		
DC to DC converter module	N/A		
OS: Win CE 5.0	AFLCF-15-9652-CE050	AFLCF-17-9652-CE050	AFLCF-19-9652-CE050
OS: Win CE 6.0	AFLCF-15-9652-CE060	AFLCF-17-9652-CE060	AFLCF-19-9652-CE060
OS: Win XPE	AFLCF-15-9652-XPE	AFLCF-17-9652-XPE	AFLCF-19-9652-XPE

Packing List

1 x Power Cable	1 x Touch Pen	1 x Power Adapter
1 eSATA Cable	1 x Utilities CDROM	1 x Screw Kit



AFO LUX



AFL-056A



AFL-07A



AFL-10A



AFOLUX Touch Monitor



AFL-15A



AFL-315A



AFOLUX Family



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