

AFOLUX Panel PC Series

15"-19" All-in-one Panel PC

- 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

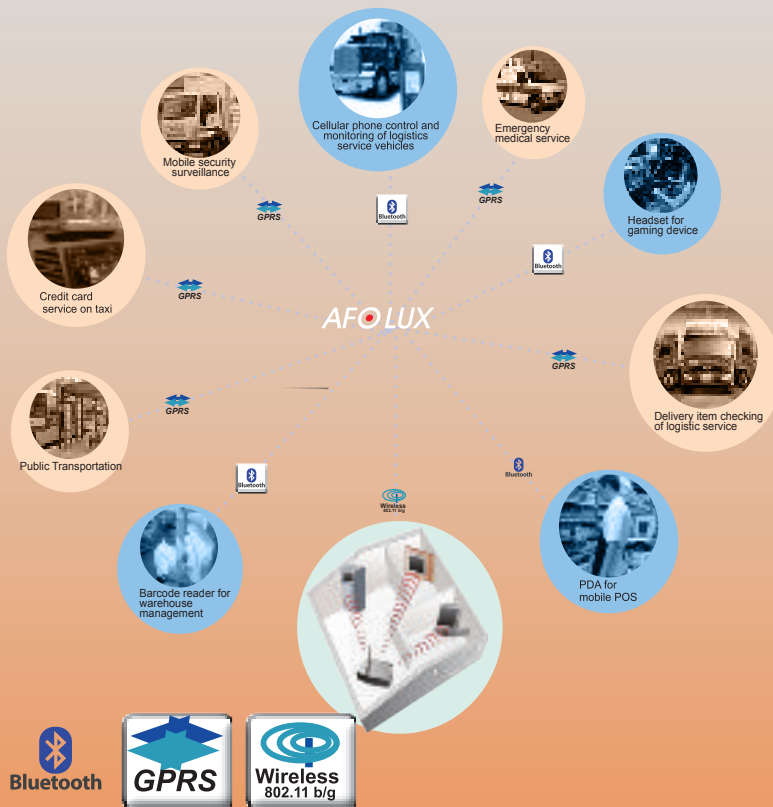
Multimedia Applications

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



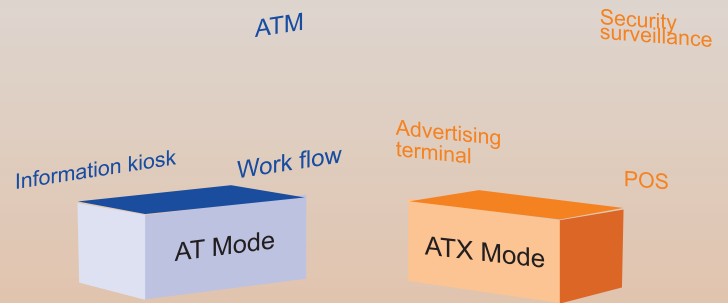
Always Connected

The Value-Added Network Connection



Flexible Power Mode

AT/ATX Mode Selection



- **Easy to turn on/ off with wall/ panel mounting**

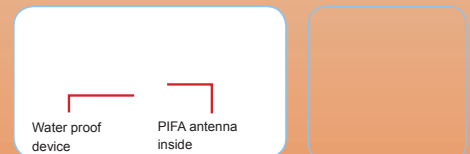
When implemented in shop flow applications it is easier to control the power through the central plug rather than a power switch.

- **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.

IP 64 dustproof and waterproof front panel

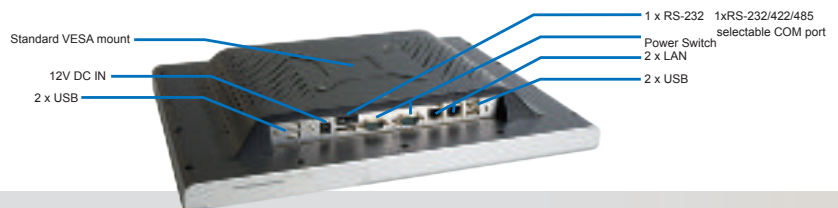
The AFOLUX front panel is IP 64 compliant. IP 64 compliance guarantees the front panel is dustproof and water-proof. The AFOLUX front panel can withstand any industrial environment where dust and drizzle is encountered.



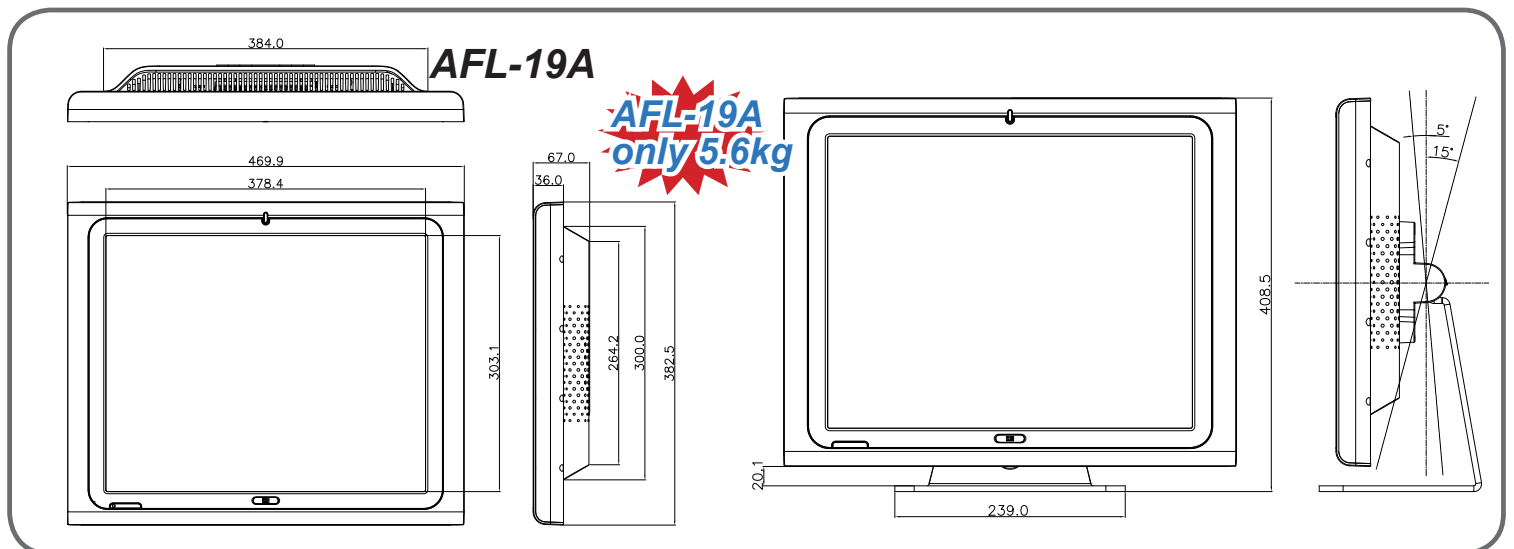
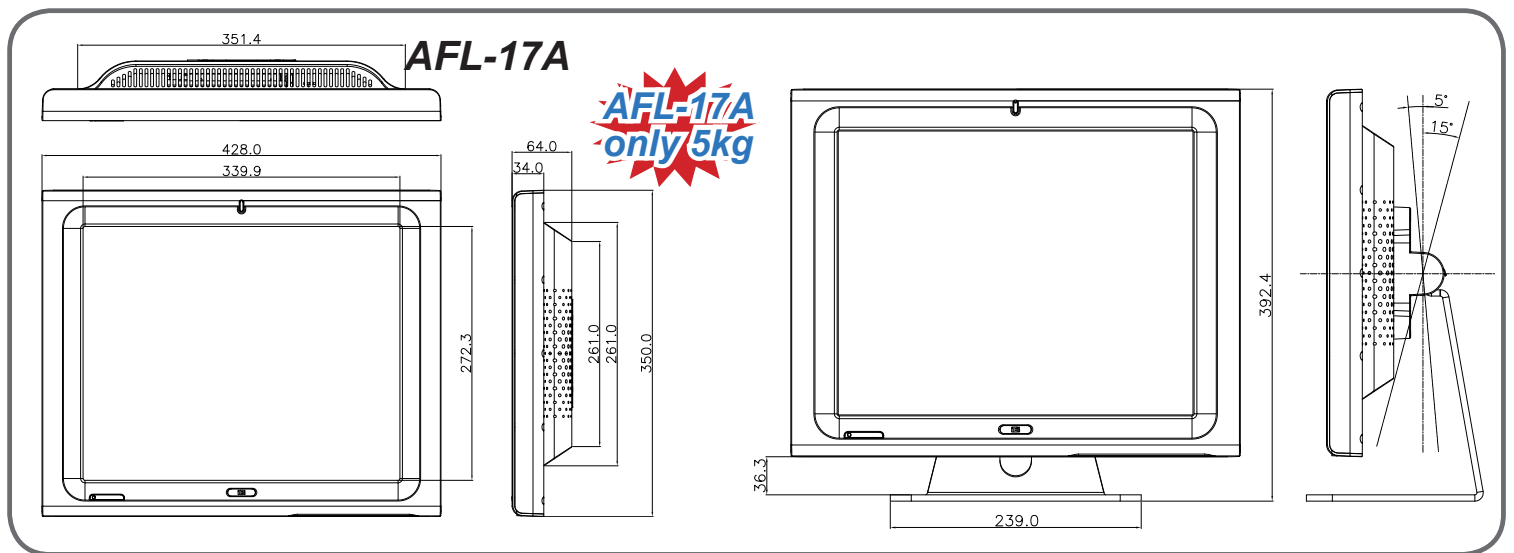
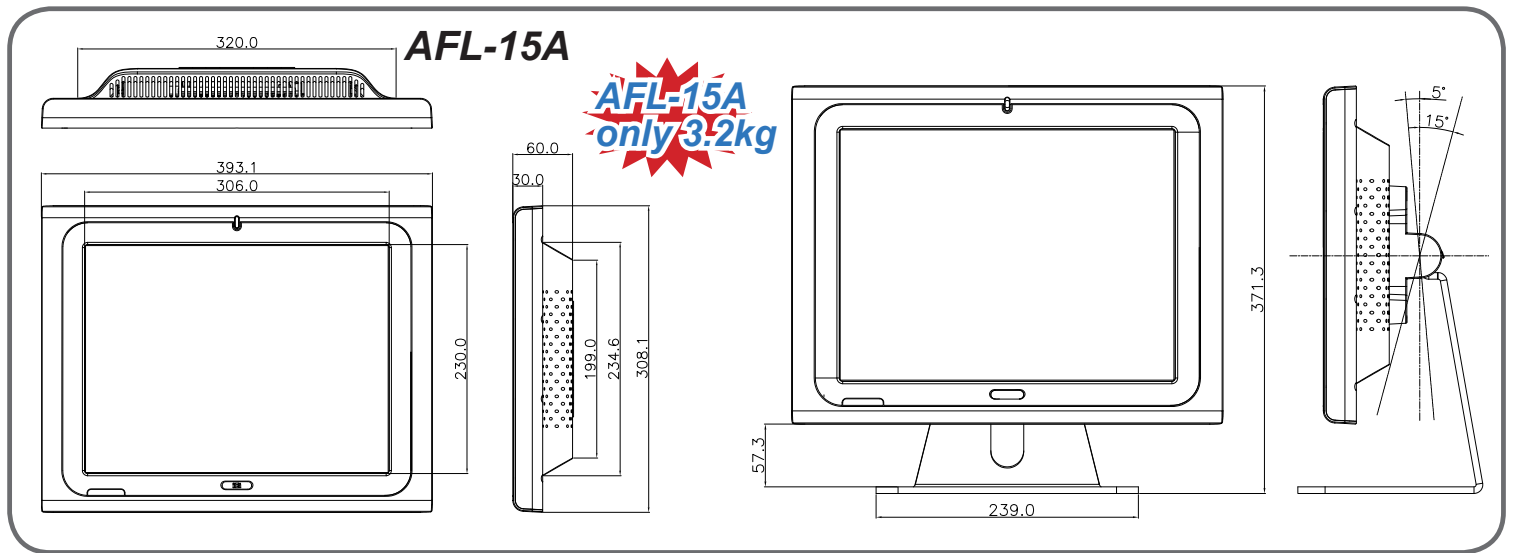


Model	AFL-15A-CX	AFL-17A-CX	AFL-19A-CX
LCD Size	15"	17"	19"
Max Resolution	1024 x 768	1280 x 1024	1280 x 1024
Brightness (cd/m ²)	350	300	300
Contrast Ratio	400:1	800:1	800:1
LCD Color	262K	16.7M	16.7M
Pixel Pitch (mm)	0.297(H) x 0.297(V)	0.264(H) x 0.264(V)	0.294(H) x 0.294(V)
Viewing Angle (H-V)	120/100	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)	VIA C7® (1.5GHz) with fan (noise: 39dB)	VIA C7® (1.5GHz) with fan (noise: 39dB)
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)



AFOLUX All-in-one Panel PC Family



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

Packing List

1xPower Cable	1xHDD Cable
1xUser Manual-CDROM	1xSATA HDD Cable
1xScrew Kit	1xeSATA Cable
1xTouch Pen	1x80W Power Adapter

Options

	AFL-15A-CX	AFL-17A-CX	AFL-19A-CX
Wall mounting kit	AFLWK-15	AFLWK-17	AFLWK-19
Stand	STAND-A19 STAND-B19	STAND-A19 STAND-B19	STAND-A19 STAND-B19
OS: WIN CE 5.0	*AFLCF-15-CX-CE	*AFLCF-17-CX-CE	*AFLCF-19-CX-CE
OS:WIN 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

Ordering Information

**:(GPRS01) for optional GPRS module. Note: For 15A model, if the GPRS module is used, the HDD can't be implemented.

AFL-15A

- AFL-15A-CX-15GZ/WT-R/512MB/**(GPRS01): 15", 350cd/m² panel PC with VIA C7[®] 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/m² panel PC with VIA C7[®] 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/m² panel PC with VIA C7[®] CPU, 512MB DDR2 RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS