

Large Size 42" FULL HD AFOLUX Panel PCs

**AFL-642AE-GM45**

Intel® Core™2 Duo T9400 2.53GHz Processor (max.)



**Features**

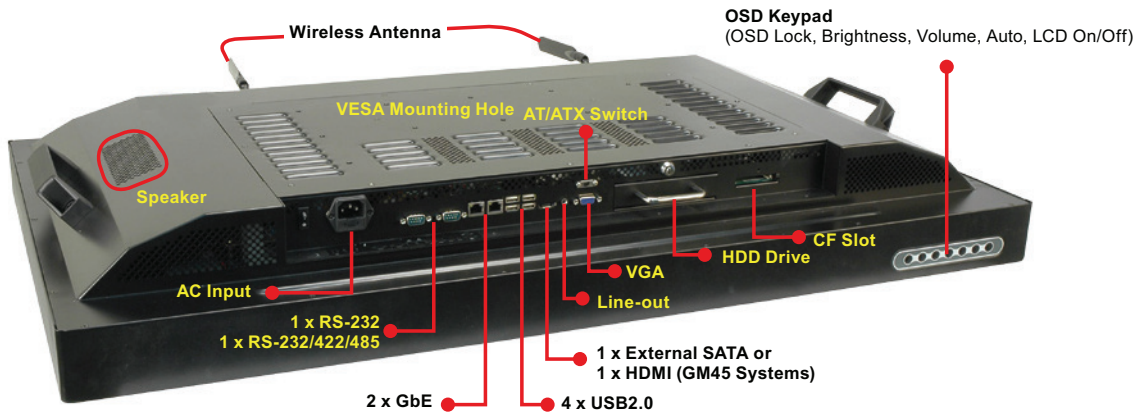
- WiFi 802.11b/g/n connection
- Built-in two speakers
- Built-in Bluetooth technology rids systems of cables and allows wireless connection to peripheral devices like headphones, printers, barcode readers or game controllers
- The Ambient Light Sensor helps conserve energy
- VESA-mountable for flexibility in mounting and deployment
- SAW touch screen with durable glass construction is perfect for healthcare, retail and hospitality applications (Optional)
- 42" tempered glass with AR(anti-reflection) coating (Optional)
- Ease of use OSD control below the front panel
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery (Suggest over 4GB storage capacity)



**Specifications**

Model		AFL-642AE-GM45
LCD Size		42"
Max Resolution		1920 x 1080
Brightness (cd/m²)		450
Contrast Ratio		4000:1
LCD Color		16.7M
Pixel Pitch (mm)		0.4845(H) x 0.4845(V)
Viewing Angle (H-V)		178° / 178°
Backlight MTBF (hrs)		50000
SBC Model		AFLMB2-GM45-R10
CPU		Celeron® M575 2.0GHz / Core™2 Duo P8400 2.26GHz
Chipset		Mobile Intel® GM45
RAM		Supports two 2GB (Maximum) 533MHz/667MHz DDRII 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 Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button <b>1 x HDMI Port</b> 1 x Audio Port 1 x VGA Port
Drive Bay	SSD	CF TypeII
	ODD	CD/DVD Combo Drive Blu-Ray Drive (Optional)
	HSUPA	1 x HSUPA Mobile Module (USB Interface)
Watchdog Timer		Software programmable supports 1~255 sec. System reset
Audio		AMP 5W + 5W
Extension		1 x Wireless 802.11 b/g/n Lan Module (Mini PCIe Interface) 1 x Bluetooth Module (USB Interface)
HDD Drive Bay		1 x 2.5" SATA HDD bay
HSUPA Mobile Solution (Optional)		1 x HSUPA Mobile Module (USB Interface)
Construction Material		Metal front frame
OSD function		1. OSD Keypad below the Front Panel 2. Remote Control for OSD Function
LED Function		1 x Power ON/OFF LED on Front Panel
Mounting		Wall, Stand and Arm / VESA 400mm x 200mm
Front Panel Color		Black C
Dimension (WxHxD) (mm)		1026 x 626 x 127
Operation Temperature (°C)		0°C ~40°C With HDD 0°C ~45°C With CF Card or SATA interface 2.5" SSD HDD
Storage Temperature (°C)		-20°C ~60°C
Net Weight		35 Kg
IP Level		IP64
Touch Screen		Surface Accoustic Wave Type (optional)
Power Requirement		100VAC~240VAC, 50/60Hz
Power Consumption		260W

- Automation Panel Solutions
- All-in-One Touch POS
- Digital Signage
- Video Wall Controller
- RISC-based Solutions
- PACSmate Medical
- Optional Peripherals



### Naming Rule

## AFL-642 AE-GM45-T9400/W T-S/OD/2G/HU01-R10

- A: Display Size**  
42=42" FULL HD (1920 x 1080)
- B: Mechanism Design**
- C: Chipset/CPU Code**
- D: WiFi 802.11 b/g/n**

- E: LCD Protection**  
T-S=SAW (Surface Acoustic Wave) Touch Screen  
Empty=Tempered Glass; A: Display Size
- F: Optical Disk Drive (For GM45 Systems)**  
OD=CD/DVD COMBO BD=BLU-RAY ROM
- G: Memory Capacity**  
1G=1GB DDR2 RAM 2G=2GB DDR2 RAM
- H: HSPA Connection**

### Ordering Information

Model	Description
<b>SAW Touch Panel</b>	AFL-642AE-GM45-CM575/WT-S*(OD)/1G/**(HU01)-R20 42" 450cd/m <sup>2</sup> 1920 x 1080 panel PC with Celeron® M 575 2.0GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, SAW touch screen, Bluetooth, RoHS
	AFL-642AE-GM45-P8400/WT-S*(OD)/2G/**(HU01)-R20 42" 450cd/m <sup>2</sup> 1920 x 1080 panel PC with Core™2 Duo P8400 2.26GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module
	AFL-642AE-GM45-T9400/WT-S*(OD)/2G/**(HU01)-R20 42" 450cd/m <sup>2</sup> 1920 x 1080 panel PC with Core™2 Duo T9400 2.53GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module
<b>Anti-Reflective Tempered Glass Protection</b>	AFL-642AE-GM45-CM575/W*(OD)/1G/**(HU01)-R20 42" 450cd/m <sup>2</sup> 1920 x 1080 panel PC with Celeron® M 575 2.0GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, Bluetooth, RoHS
	AFL-642AE-GM45-P8400/W*(OD)/2G/**(HU01)-R20 42" 450cd/m <sup>2</sup> 1920 x 1080 panel PC with Core™2 Duo P8400 2.26GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module, Bluetooth, RoHS
	AFL-642AE-GM45-T9400/W*(OD)/2G/**(HU01)-R20 42" 450cd/m <sup>2</sup> 1920 x 1080 panel PC with Core™2 Duo T9400 2.53GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module, Bluetooth, RoHS

\* OD=CD/DVD COMBO, BD=BLU-RAY ROM

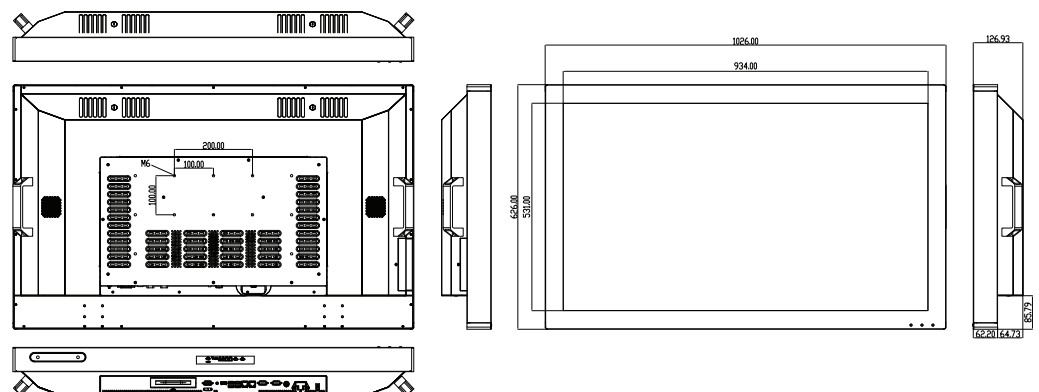
### Packing List

Item	P/N	Q'ty	Remark
IR Remote Controller	7Z000-8T00322ICP01G-RS	1	
Power Cord	32000-000002-RS	1	Length:1830mm
Antennas	32500-004000-RS	2	For 42" AFOLUX PPC
User's Manual CD-ROM		1	

### Optional Mounting Kits

Mounting Kits	Model	
<b>WALL MOUNTS</b>	WK-80	
<b>WALL ARMS</b>	ARM-50	
<b>Stand</b>	Desktop	N/A
	Mobile	STAND-M100
<b>Ceiling Mount Kit</b>	CEILMT135	

### AFL-642AE Dimensions (Unit: mm)



1 Automation Panel Solutions

2 All-in-One Touch POS

3 Digital Signage

4 Video Wall Controller

5 RISC-based Solutions

6 PACSmate Medical

7 Optional Peripherals