

**17" SXGA AFOLUX Panel PC**

**AFL-17D-GM45**

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

**AFL-17D-N270**

**Intel® Atom™ N270 1.6GHz Processor**

Digital Camera: 300K Camera with Low Light Functionality



**Deep Glossy Black Surface**

5 key keypad



(For GM45 Systems)



**HDMI**  
HDMI High-Definition Multimedia Interface

Accessible CF Card



Convenient USBs in the side



Built-in ODD (Optional)

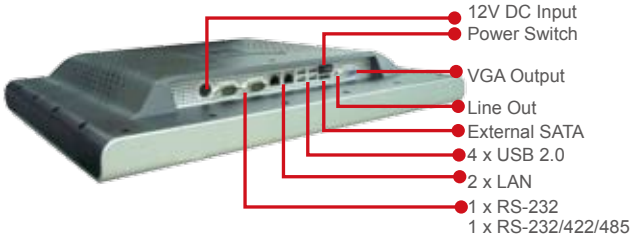


**Specifications**

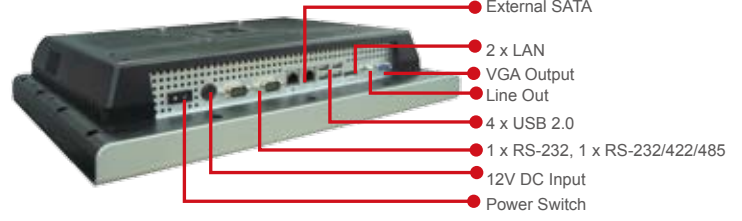
Model	AFL-17D-GM45-R10	AFL-17D-N270-R10 <span style="float: right; font-size: small;">Fanless</span>
LCD Size	17"	
Max Resolution	1280 x 1024	
Brightness (cd/m <sup>2</sup> )	300	
Contrast Ratio	800 : 1	
LCD Color	16.7M	
Pixel Pitch (mm)	0.264(H) x 0.264(V)	
Viewing Angle (H-V)	160°/160°	
Backlight MTBF	50000 hrs	
SBC Model	AFLMB2-GM45-R10	AFLMB2-N270-R10
CPU	Intel® Core 2 Duo T7500 2.2GHz CPU (max.)	Intel® Atom™ process N270 1.6GHz CPU
Chipset	Intel® GM45 Chipset + ICH9M	Intel® 945GSE + ICH7M
RAM	Supports two 667MHz or 800MHz DDRII SO-DIMM(4GB max.)	Supports one 400MHz or 533MHz DDRII SO-DIMM (2GB Max.)
I/O Ports	1 x RS232 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 1 x HDMI port 1 x Audio port 1 x VGA port 1 x Power Jack	1 x RS232 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 1 x Audio Port 1 x VGA Port 1 x Power Jack
SSD	CF Typell	
Watchdog Timer	Software programmable supports 1~255 sec. System reset	
Audio	AMP 3W + 3W(internal speaker)	
Camera Module	300K pixel with Digital Microphone	
Expansion	1 x Wireless Lan 802.11 b/g/n Module (internal PCIe mini card interface) 1 x Bluetooth Function (internal USB interface, Bluetooth V2.0)	1 x Wireless Lan 802.11 b/g Module (internal PCIe mini card interface) 1 x Bluetooth Function (internal USB interface, Bluetooth V2.0)
Drive Bay	1 x 2.5" SATA HDD bay, 1 x Slim Type CD-ROM bay	
Optional HSUPA Module (support GSM 850, EGSM 900, DCS 1800 & 1900)	1 x HSUPA Mobile Module (USB Interface)	
Construction Front Panel	ABS + PC Plastic front frame	
Membrane Keypad	LCD On/Off, Brightness Up/Down, Volume Up/Down	
LED Function	1 x Power ON/OFF LED on Front Panel	
Mounting	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm	
Front Panel Color	Black C	
Dimension (WxHxD) (mm)	410 x 349 x 83	
Operation Temperature (°C)	0°C ~40°C With HDD 0°C ~45°C With CF Card or SATA interface 2.5" SSD HDD	0°C ~40°C with SATA HDD -10°C ~50°C With CF Card or SATA interface 2.5" SSD HDD
Storage Temperature (°C)	-20°C ~60°C	
N/G Weight	6.2 Kg	
IP Level	Front Frame IP64	
Safety & EMC	CE / FCC / CB / CCC	
Touch Screen	Resistive Type 5-Wire (Touch controller IC is on board) or Capacitive type touch screen without HDD bay	
Power Adapter	P/N: 63000-FSP150AHA312-RS 150W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	P/N: 63000-FSP0841ADC11118-RS 84W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC
Power Requirement	12VDC	
Power Consumption	90W	58W

**Fully Integrated I/O**

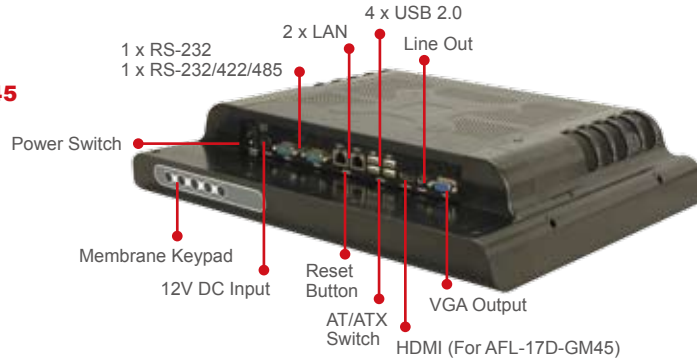
• **AFL-17A-915**



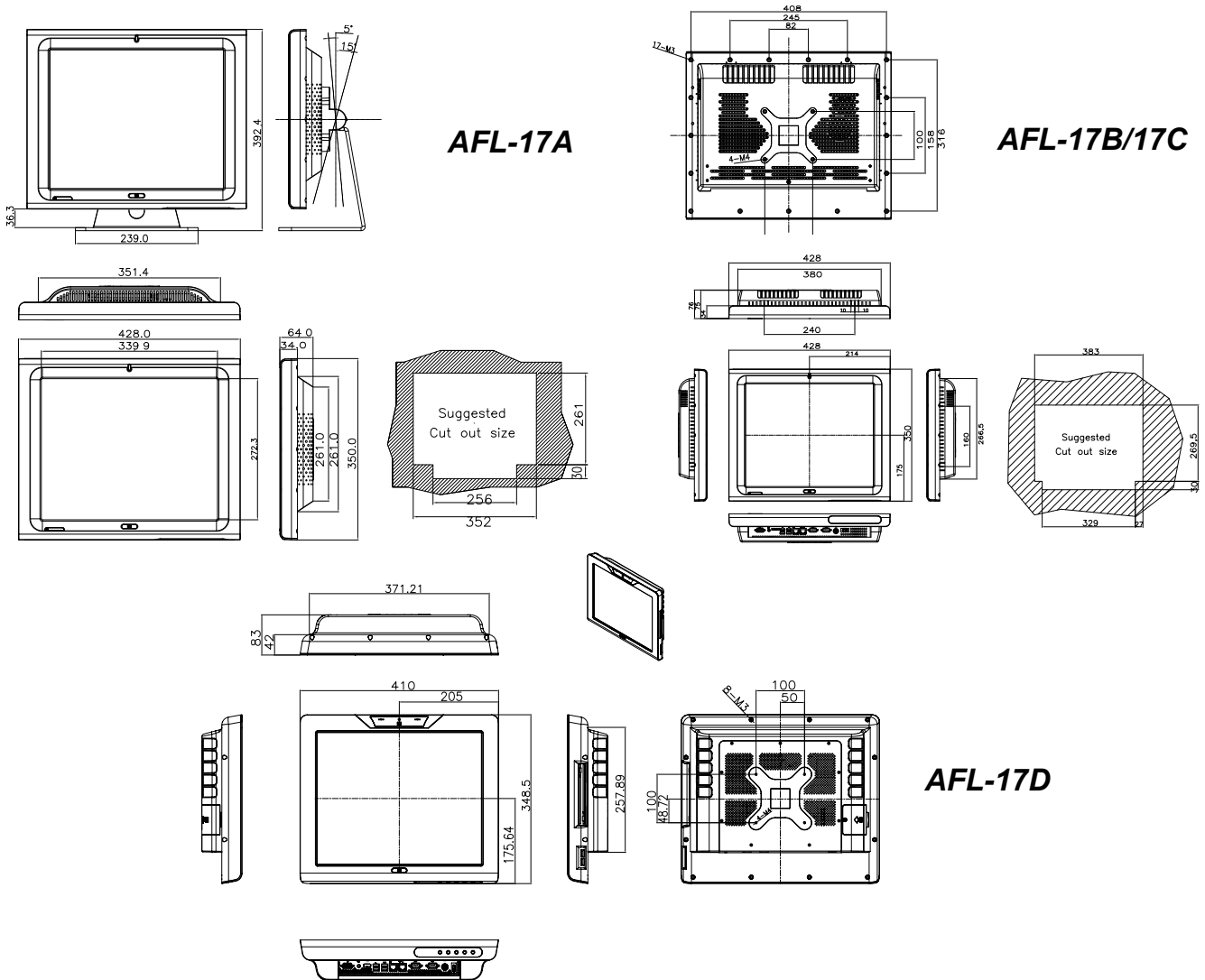
• **AFL-17B-690 / AFL-17B-915**



• **AFL-17D-N270/AFL-17D-GM45**



**Dimensions (Unit: mm)**



## Ordering Information

Part Number	Description
AFL-17D-N270/WT-R/1GB/**(HU01)-R10	17" 300cd/m <sup>2</sup> SXGA fanless panel PC with Intel® Atom™ N270 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, 300K camera, microphone, RoHS
AFL-17D-N270/WT-R/OD/1GB/**(HU01)-R10	17" 300cd/m <sup>2</sup> SXGA fanless panel PC with Intel® Atom N270 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g WiFi, touch screen, Bluetooth, 300K camera, microphone, DVD-COMBO, RoHS
AFL-17A-915-10G/WT-R/1GB-R11	17" 300cd/m <sup>2</sup> SXGA fanless panel PC w/ Celeron M 1.0GHz 512K cache CPU, DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-17B-915-PM16G/WT-R/1GB/**(HSUPA01)-R11	17" 300cd/m <sup>2</sup> SXGA panel PC w/ Pentium® M 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-17B-915-CM370/WT-R/1GB/**(HSUPA01)-R11	17" 300cd/m <sup>2</sup> SXGA panel PC w/ Celeron® M 1.5GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-17B-AM2/WT-R/1GB/**(HSUPA01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC w/ AMD Athlon 64 X2 Dual-Core 5050e 2.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, ROHS
AFL-17C-9652-CM550/WT-R/1GB/**(HSUPA01)	17" 300cd/m <sup>2</sup> SXGA panel PC with Celeron® M 550 2.0GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, RoHS
AFL-17C-9652-T7500/WT-R/2GB/**(HSUPA01)	17" 300cd/m <sup>2</sup> SXGA panel PC with Core™2 Dou T7500 2.2GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, RoHS
AFL-17D-GM45-CM575/WT-R/1GB/**(HSUPA01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC with Celeron M 2.0GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, 300K camera, microphone, RoHS
AFL-17D-GM45-T7500/WT-R/2GB/**(HSUPA01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC with Core 2 Duo T7500 2.2GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, 300K camera, microphone, RoHS
AFL-17D-GM45-P8400/WT-R/1GB/**(HU01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC with Core 2 Duo P8400 2.26GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, 300K camera, microphone, RoHS
AFL-17D-GM45-T9400/WT-R/2GB/**(HSUPA01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC with Core 2 Duo T9400 2.53GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, 300K camera, microphone, RoHS
AFL-17D-GM45-CM575/WT-R/OD/1GB/**(HU01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC with Celeron M 2.0GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n WiFi, touch screen, Bluetooth, 300K camera, microphone, DVD-COMBO, RoHS
AFL-17D-GM45-T7500/WT-R/OD/2GB/**(HU01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC with Core 2 Duo T7500 2.2GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n WiFi, touch screen, Bluetooth, 300K camera, microphone, DVD-COMBO, RoHS
AFL-17D-GM45-P8400/WT-R/OD/2GB/**(HU01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC with Core 2 Duo P8400 2.26GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n WiFi, touch screen, Bluetooth, 300K camera, microphone, DVD-COMBO, RoHS
AFL-17D-GM45-T9400/WT-R/OD/2GB/**(HU01)-R10	17" 300cd/m <sup>2</sup> SXGA panel PC with Core 2 Duo T9400 2.53GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n WiFi, touch screen, Bluetooth, 300K camera, microphone, DVD-COMBO, RoHS

Note: WiFi 802.11 draft N is upgradable.

## ISMM Support Functions

	Voltage	Fan	Smart Fan	Temperature	WDT
AFL-17A(B)-915	V	V	V	V	V
AFL-17B-AM2	V	V	V	V	V
AFL-17C-9652	V	V	V	V	V
AFL-17D-N270	V			V	V
AFL-17D-GM45	V	V	V	V	V

## Packing List

Item	Part Number	Q'ty	Specification
Screws Pack	44013-030041-RS	4	M3;5mm
Power Adpater	63000-FSP0841ADC11118-RS 63000-FSP096AHB-RS 63000-FSP150AHA312-RS	1	90~264V AC; 12V DC; 84W (17A-915, 17D-N270) 90~264V AC; 12V DC; 96W (17B-915, 17C-9652) 90~264V AC; 12V DC; 150W (17B-AM2, 17D-GM45)
Power Cord	32000-000002-RS	1	1750mm; European Standard
Utilities CD	7B000-000087-RS	1	
Touch Pen	XTR104-0002-RS	1	

## Options

Model	AFL-17D-N270	AFL-17A-915	AFL-17B-915	AFL-17C-9652	AFL-17B-AM2	AFL-17D-GM45
Panel mounting kit	AFLPK-17D	AFLPK-17		AFLPK-17B		AFLPK-17D
Wall mounting kit				AFLWK-19		
Rack mounting kit	AFLRK-17D	AFLRK-17		AFLRK-17B		AFLRK-17D
ARM				ARM-11-RS / ARM-31-RS		
Stand				STAND-A19, STAND-B19, STAND-210-RS		
OS: Win CE 5.0 (128 MB CF card)	N/A	AFLCF-17-915-CE-R11		N/A		N/A
OS: Win CE 6.0 (128 MB CF card)	AFLCF-17-N270-CE060-R10	AFLCF-17-915-CE060-R11		N/A		N/A
OS: Win XPE (1 GB CF card)	AFLCF-17-N270-XPE-R10	AFLCF-17-915-XPE-R11		AFLCF-17-9652-XPE	AFLCF-17-690-XPE	AFLCF-17-GM45-XPE-R10
OS: LINUX (2 GB CF card)	AFLCF-17-N270-LNX-R10	AFLCF-17-915-LNX-R10		AFLCF-17-9652-LNX-R10	AFLCF-17-690-LNX-R10	AFLCF-17-GM45-LNX-R10
Hybrid Card Reader	N/A	AFLP-17AMSI-U		AFLP-17BMSI-U		N/A
Magnetic Stripe Reader	N/A	AFLP-17AMSR-U		AFLP-17BMSR-U		N/A
DC 12V Input UPS	AUPS-B10-R10 (VESA 100, DC 12V input, 12V output 100W UPS module with 3800mAh)				N/A	AUPS-B10-R10
DC 9~36V Input UPS	AUPS-B20-R10 (VESA 100, DC 9~36V input, 12V output 100W UPS module with 3800mAh)				N/A	AUPS-B20-R10

Note: Win CE application without digital microphone function