AFL3-W07A-BT

Intel® Celeron® N2807 dual core 1.58 GHz New

AFL3-12A-BT

Intel® Celeron® J1900 Quad core 2 GHz New

AFL3-W15A-BT

Intel® Celeron® J1900 Quad core 2 GHz New

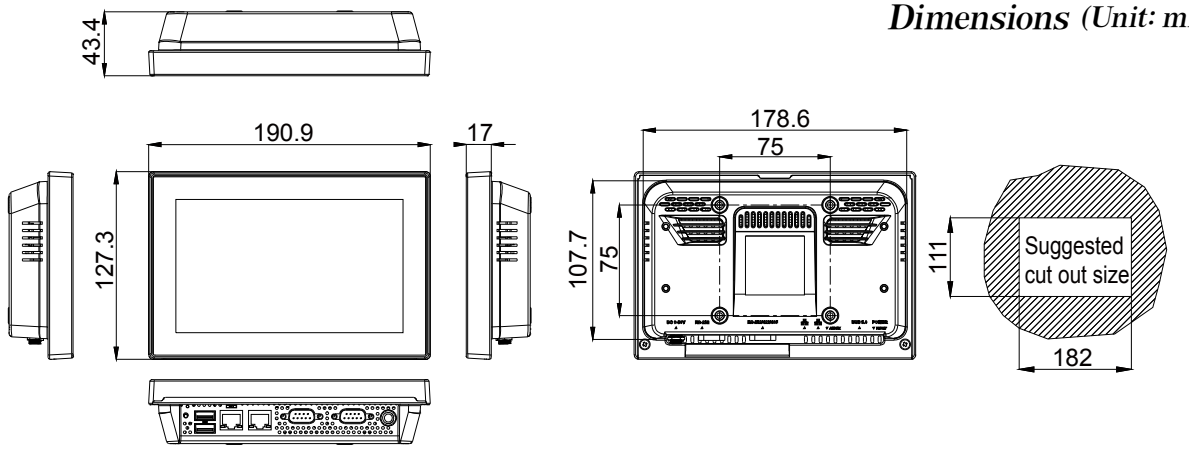
Features

- 7”/12.1”/W15” Fanless Panel PC with Intel® Celeron® Dual core N2807/Quad core J1900 processor
- 9-30V wide range DC poewr input
- Selectable AT/ATX power mode
- Built-in speakers
- One mSATA slot
- IP65 compliant front panel
- IEI One Key Recovery solution alllows you to create rapid OS backup and recovery (suggest over 4GB storage capacity)

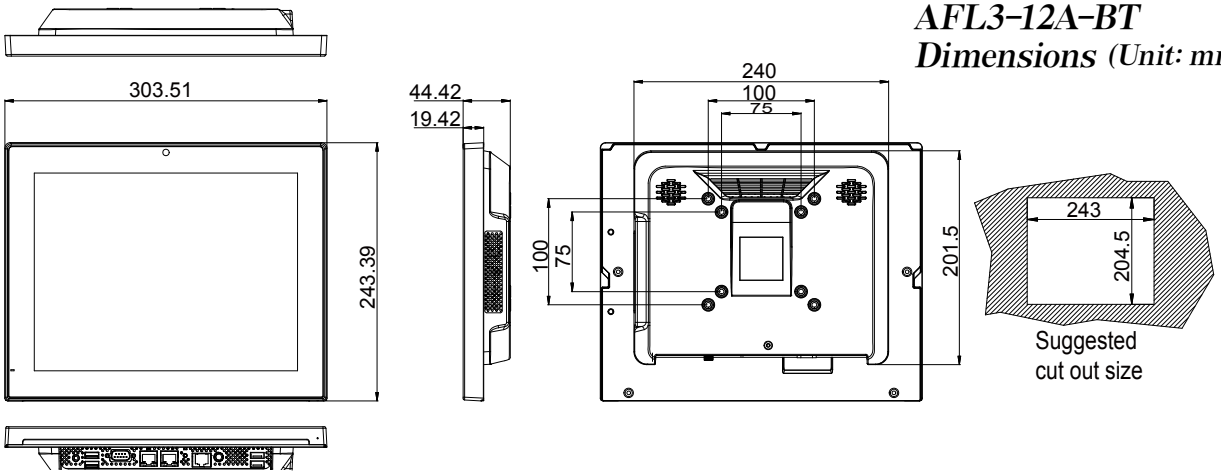
Specifications

Model	AFL3-W07A-BT-R10	AFL3-12A-BT-R10	AFL3-W15A-BT-R10
Size	7”	12.1”	15.6”
Resolution	1024 x 600 (16:9)	1024 x 768 (4:3)	1366 x 768 (16:9)
Brightness (cd/m²)	500	500	300
Contrast Ratio	700:1	700:1	700:1
LCD Color	262K	262k	262K
Pixel Pitch (mm)	0.0635 (H) x 0.1905 (V)	0.240 (H) x 0.240 (V)	0.240 (H) x 0.240 (V)
Viewing Angle (H-V)	150° / 145°	160° / 160°	160° / 160°
Backlight MTBF	20000 hrs (LED backlight)	50000 (LED backlight)	50000 (LED backlight)
Touch Screen	projected capacitive type with USB interface	5-wire rsistive type with RS-232 interface/ projected capacitive type with USB interface	5-wire rsistive type with RS-232 interface/ projected capacitive type with USB interface
Touch Controller	EETI EXC7200	PenMount DMC9000/ EETI EXC7200	PenMount DMC9000/ EETI EXC7200
CPU	Intel® Celeron® N2807 dual core 1.58 GHz	Intel® Celeron® J1900 quad core 2 GHz	Intel® Celeron® J1900 quad core 2 GHz
RAM	2GB DDR3L Onboard RAM	One 204-pin 1333MHz single-channel DDR3L SDRAM DIMM pre-installed with 2GB (max capacity 8G)	One 204-pin 1333MHz single-channel DDR3L SDRAM DIMM pre-installed with 2GB (max capacity 8G)
Ethernet	2 x PCIe GbE by RTL8111E controller	2 x PCIe GbE by RTL8111E controller	2 x PCIe GbE by RTL8111E controller
Audio Codec	ALC892	ALC892	ALC892
Storage	mSATA	mSATA 2.5” SATA 3Gb/s HDD bay	mSATA 2.5” SATA 3Gb/s HDD bay
Input / Output	2 x RS-232 COM Port (DB9 connector) 2 x USB 3.0 2 x GbE LAN 1 x Power Switch 1 x Reset Button 1 x AT/ATX switch 1 x 9-30V Lockable Power Jack	1 x RS-232 COM Port 1 x RS-232/422/485 COM Port (DB9 connector) (RI/5V/12V) 2 x USB 2.0 2 x USB 3.0 2 x GbE LAN 1 x Power Switch 1 x Reset Button 1 x AT/ATX switch 1 x Audio Port (line-out) 1 x 9-30V Lockable Power Jack	1 x RS-232 COM Port 1 x RS-232/422/485 COM Port (DB9 connector) (RI/5V/12V) 2 x USB 2.0 2 x USB 3.0 2 x GbE LAN 1 x Power Switch 1 x Reset Button 1 x AT/ATX switch 1 x Audio Port (line-out) 1 x 9-30V Lockable Power Jack
Audio	AMP 2W (internal speaker, left sound channel output)	AMP 3W + 3W (internal speaker)	AMP 3W + 3W (internal speaker)
Camera	N/A	2M pixels with low light function	2M pixels with low light function
RFID Reader	Mifare 13.56 MHz card reader (optional)	Mifare 13.56 MHz card reader (optional)	Mifare 13.56 MHz card reader (optional)
Card Reader	N/A	Magnetic Stripe Card Reader (optional)	Magnetic Stripe Card Reader (optional)
OSD Function	Software OSD	Software OSD	Software OSD
Thermal Solution	Fanless	Fanless	Fanless
Wireless	IEEE 802.11b/g/n 2T2R module (WIFI-RT5392-SB-R10)	IEEE 802.11b/g/n 2T2R module (WIFI-RT5392-SB-R10)	IEEE 802.11b/g/n 2T2R module (WIFI-RT5392-SB-R10)
Construction Front Panel	PC + ABS Plastic	PC + ABS Plastic	PC + ABS Plastic
Mounting	Wall, Stand, Arm VESA 75mm x 75mm	Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm / 100mm x 100mm	Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm / 100mm x 100mm
Color	Black C	Black C	Black C
Dimensions (WxHxD) (mm)	191 x 127 x 43	308 x 248 x 44.5	396 x 250 x 53
Cut out (WxH) (mm)	181 x 110	243 x 204	273 x 226
Operating Temperature (°C) (Ambient with air flow)	minus 10°C~50°C	minus 20°C~50°C	minus 20°C~50°C
Storage Temperature (°C)	minus 20°C~60°C	minus 20°C~60°C	minus 20°C~60°C
Humidity	10% to 95% (non-condensing)	10% to 95% (non-condensing)	10% to 95% (non-condensing)
IP Level	IP 65 compliant front panel	IP 65 compliant front panel	IP 65 compliant front panel
Safety&EMC	CE / FCC	CE / FCC	CE / FCC
Power Requirement	9 ~ 30 VDC	9 ~ 30 VDC	9 ~ 30 VDC

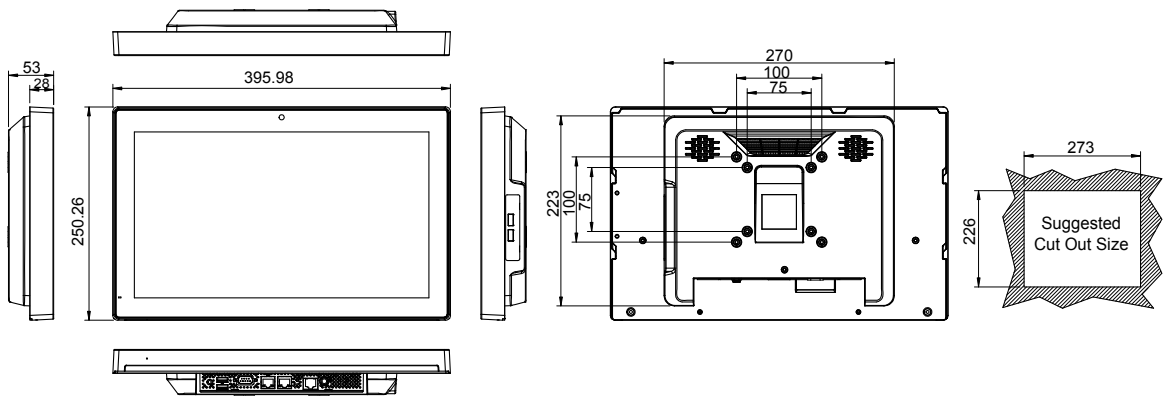
AFL3-W07A-BT Dimensions (Unit: mm)



AFL3-12A-BT Dimensions (Unit: mm)



AFL3-W15A-BT Dimensions (Unit: mm)



Ordering Information

Part Number	Description
AFL3-W07A-BT-N1/PC/2G-R10	7" 500 cd/m² 1024 x 600 HD fanless panel PC with Intel® Celeron® N2807 dual core 1.58 GHz, 802.11b/g/n wireless module, projected capacitive touch screen, 2GB DDR3L onboard RAM,R10
AFL3-12A-BT-J1/PC/2G-R10	12.1" 500 cd/m² XGA fanless panel PC with Intel® Celeron® J1900 quad core 2 GHz, 802.11b/g/n wireless module, projected capacitive touch screen, 2GB DDR3L RAM,R10
AFL3-12A-BT-J1/R/2G-R10	12.1" 500 cd/m² XGA fanless panel PC with Intel® Celeron® J1900 quad core 2 GHz, 802.11b/g/n wireless module, resistive touch screen, 2GB DDR3L RAM,R10
AFL3-W15A-BT-J1/PC/2G-R10	Wide 15.6" 300 cd/m² 1366x768 fanless panel PC with Intel® Celeron® J1900 quad core 2 GHz, 802.11b/g/n wireless module, projected capacitive touch screen, 2GB DDR3L RAM,R10
AFL3-W15A-BT-J1/R/2G-R10	Wide 15.6" 300 cd/m² 1366x768 fanless panel PC with Intel® Celeron® J1900 quad core 2 GHz, 802.11b/g/n wireless module, projected capacitive touch screen, 2GB DDR3L RAM,R10