FOOD Series

Intel Atom® Quad-Core Processor-based IP69K Fanless 15”/17”/19” Panel Computer

Features

- Modular high-performance industrial panel PC with fully enclosed housing (IP69K)
- Fast data input via touchscreen
- Wireless LAN integrated (optional)
- Passively cooled with no ventilation slots or fan
- Stainless steel housing; connectors via IP69k-rated cable feedthrough



Introduction

The ADLINK Food Panel PC, based on the Intel Atom® E3845 quad core processor at 1.91 GHz integrates the Intel® GMA graphics chip into the chipset. In addition, the ADLINK Food series is equipped with up to 4GB of DDR3 RAM and failsafe automotive HDDs or SSDs as bootable storage media for increased data security and system reliability. The abrasion-resistant resistive touch display offers a maximum resolution of 1024x768 or 1280x1024 pixels and is available in 15, 17 and 19 inches. To connect additional peripherals such as 1D/2D barcode scanner, the ADLINK Food series features an extensive range of interfaces, including 2x USB 2.0, Ethernet, and 1x serial port, all with IP69K stainless steel connectors.

Software Support

- **Windows® 7 Professional / Ultimate**
- **Windows® 10**
- **Linux, Embedded Linux (on request; customized)**

Application

- **Food Industry Automation**
- **Labeling/Packaging Automation**
- **Chemical Industry**
- **Pharmaceutical Industry**

Ordering Information

- **FOOD-B15**
  15" Intel Atom® E3845, 4 GB DDR3, IP69K Resistive touch screen, 500GB HDD
- **FOOD-B17**
  17" Intel Atom® E3845, 4 GB DDR3, IP69K Resistive touch screen, 500GB HDD
- **FOOD-B19**
  19" Intel Atom® E3845, 4 GB DDR3, IP69K Resistive touch screen, 500GB HDD

Optional Accessories

- **Windows® 7 Prof**
  Operating System Windows® 7 professional 32bit/64bit
- **Windows® 7 Ultim**
  Operating System Windows® 7 Ultimate 32bit/64bit
- **128GB SSD Options**
  Factory-installed 128GB MLC SATA solid-state drive
- **Extra 4GB RAM**
  Extra 4GB DDR3 memory
- **WLAN kit**
  Factory-installed Wireless LAN module and antenna.

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	Pharma & Food Processing Panel Computers		
Model	**FOOD-B15**	**FOOD-B17**	**FOOD-B19**
			
System			
Display Size	15"	17"	19"
Resolution	1024 x 768	1280 x 1024	
Brightness	400 nits (w/o touch)	350 nits (w/o touch)	
Contrast Ratio	700:1	1000:1	
View Angle (U/D/R/L)	70/70/80/80	80/80/85/85	
Touch screen	5 wire resistive touch sensor		
Motherboard and System Components			
Processor	Intel Atom® Processor E3845, quad core, 1.91GHz		
Main Memory	4GB DDR3L memory (up to 8GB)		
Storage Drive	500GB HDD (24x7) or 128GB SSD		
I/O Port	1x GbE (M connector) 1x RS-232 (M connector) 2x USB 2.0 (M connector) 1x AC power plug (M connector)		
Webcam	N/A		
WiFi and Bluetooth	802.11 b/g/n and BT 4.0 external antenna (optional)		
Operating System	Windows 7, Windows 10		
Physical Characteristics			
Construction	Stainless steel 316L (V4A)		
Weight	8.6kg	10.7kg	11.2kg
Dimensions (H x W x D)	408 x 314.1 x 89.0	438 x 354 x 89.0	465.1 x 390.6 x 89.0
Mounting Options	VESA Mount, MIS-D 75/100mm		
Working Environment			
Operating Temperature	0 to 45°C		
Nonoperating Temperature	-10 to 60°C		
Relative Humidity	10% to 90 % @ 40°C (non-condensing)		
Vibration Operating	1G random 5 to 500Hz (with SSD)		
Shock Operating	10G acceleration part to part, 11ms		
Rating	IP69K		
Certifications & Compliance	CE, CB		
Input Voltage	100~240VAC 50/60Hz		
Power Consumption	40W	45W	50W

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