

## Industrial Panel PCs & Displays

DFI's Rugged Industrial Panel PCs and Displays Empower Your Productivity



# DFI's Rugged Industrial Panel PCs Empower Your Productivity

DFI provides diverse panel PCs with advanced display technologies to ensure stable performance in industrial environments. Equipped with DFI's motherboard, this product family possesses high stability and reliability to fulfilling your various requirements in various industry fields.

## Industrial Panel PCs & Displays Overview

### Fanless Industrial Panel PC



<b>Intel Atom® Processor E3900</b>	P7
15.6": KS156-AL	
7": KS070-AL	
<b>Intel Atom® Processor E3800</b>	P7
15": KS150-BT	
10.1": KS101-BT	
7": KS070-BT	
<b>Freescall™ i.MX6 &amp; TI® AM3517</b>	P8
10": KS310-IMX6	
7": KS210-IMX6, KS200, KS202	
<b>4th Gen Intel® Core™ Processor</b>	P9
15": SPC150-HU	
<b>Intel Atom® Processor E3800</b>	P9
15": SPC150-BT	

### Heavy-Duty Industrial Panel PC



<b>7th/6th Gen Intel® Core™ Processor</b>	P11
15": TPC150-SD	
<b>3rd/2nd Gen Intel® Core™ Processor</b>	P11
17": TPC170	
15": TPC150	
12.1": TPC121	



### Bar Type Panel PC



BPC370-BW

<b>Intel® Pentium®/Celeron® Processor N3000</b>	P13
42": BPC420-BW	
37": BPC370-BW	

### Industrial Tablet PC



ART101

<b>Freescal™ i.MX6</b>	P14
10.1": ART101	

### Industrial Display



IDP150

<b>Bar Type Display</b>	P15
19": BD190	
27.6": BD276	
28.6": BD286	
37": BD370	
<b>Industrial Touch Monitor</b>	P15
15": IDP150	
17": IDP170	

## Rugged Design

- Industrial-rated components with high MTBF over 100,000 hrs
- Extended operating temperatures
- High ESD protection for I/O ports
- Signal integrity measurement
- Wide range power design
- 100% Japanese-made solid capacitor
- Power hot plug protection for DC-in type SBC and Industrial Motherboards



## Software Integration

- Embedded BIOS and OS customization services
- Windows licensing offerings
- Android, Linux distribution (Yocto/Ubuntu/CentOS/Debian)
- Embedded API  
(Hardware Monitor, SMBus, I<sup>2</sup>C, Brightness Control, GPIO, Watchdog)
- Remote management utility

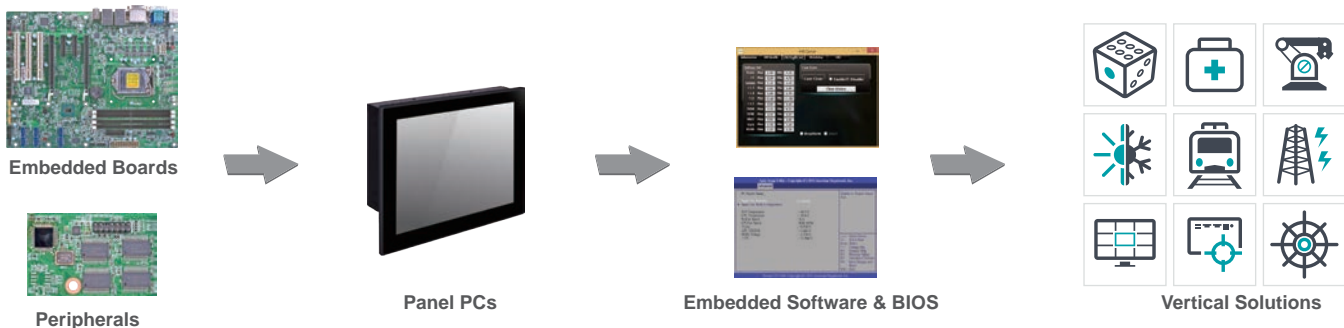


## Embedded Total Solution

- Express customization service: 30 days (NRE cost: project based)
- Strict revision control
- Long product life cycle support
- High volume OEM/ODM production capabilities



## DFI Provides a Total Solution Designed for Your Embedded Applications

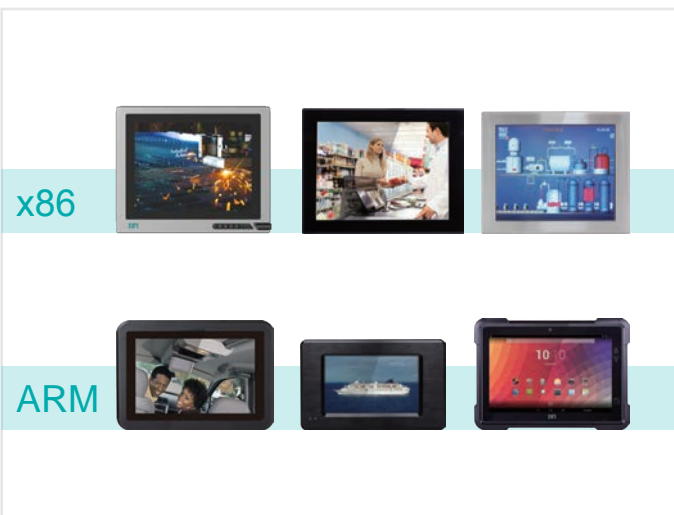






### Brand-New Bar Panel PCs

- 19" to 42" medium to big screen selections
- 178/178 degree wide viewing angel for both horizontal and vertical installation
- Available in Intel Atom® platforms
- Fanless, ruggedized, high brightness and low power consumption for 24/7 nonstop operation



### x86 & ARM Platform Support

- Supporting ARM platform (Freescale™ and TI® series), and x86 platform (Intel® Core™ and Intel Atom®) to fulfill different computing requirements
- Diverse operating system supports: Android, Windows, and Linux



### Complete Panel Computing Solution

- Suited for diverse application scenarios: resistive & capacitive, high ingress protection, wide power input, and temperature resistance
- Product family includes: Fanless Panel PC, Heavy-Duty Panel PC, Bar Panel PC, and Industrial Tablet PC
- Sizes available from 7" to 37"

# Fanless Industrial Panel PC

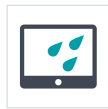
Compact Design & Effective Computing



## Features

DFI offers fanless industrial Panel PCs in compact design to satisfy various space-limited applications. Supporting x86 and ARM platform and embedded with rich I/O ports, the series is able to meet your different computing requirements. Certified with IP65 rating and powered by effective computing processors, light industrial Panel PCs are suited for home automation, kiosk, interactive information system, and healthcare computing solution.

### IP65 Front Water Proof



IP65 Rating

### Fanless and Compact Design

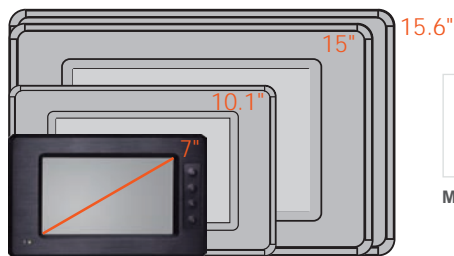


Fanless



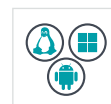
46mm

### Available in Several Sizes



Multiple Size

### Support Several Platforms and OS



Flexible OS Support  
Win 10, Linux, Android

## x86 Fanless Panel PC



Model Name		KS156-AL	KS150-BT	KS101-BT	KS070-BT	KS070-AL
Platform		Atom				
System	Processor	Intel Atom® E3900	Intel Atom® Processor E3800			Intel Atom® E3900
	Socket	BGA 1296	BGA 1170			BGA 1296
	Max. Speed	1.8~2.5GHz	1.33GHz~1.91GHz	1.91~2.42GHz		1.8~2.4GHz
	TDP	6W/6.5W/9.5W/12W	6W/10W	10W		6W/9.5W
	Cache	2M	1M/2M	2M		2M
	BIOS	Insyde SPI 64Mbit	AMI SPI 64Mbit			Insyde SPI 128Mbit
Memory	Technology	Dual Channel DDR3L 1867MHz	Single/Dual DDR3L 1066/1333MHz	Single Channel DDR3L 1333MHz		Single Channel DDR3L 1866MHz
	Max. Capacity	16GB	4GB/8GB	2GB/4GB		8GB
	Socket	2 SODIMM	1 or 2 SODIMM	Memory Down		1 SODIMM
Display & Touch Screen	Display Type	15.6" TFT Capacitive / 5-wire Resistive Touch	15" TFT Capacitive / 5-wire Resistive TFT	10.1" TFT LCD Panel with Capacitive Touch Screen	7" TFT LCD Panel with Capacitive Touch Screen	7" TFT Capacitive / Resistive Touch Screen
	Max. Resolution	1366x768	1024x768	1280x800	800x480	800x480
	Brightness	400 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>		500 cd/m <sup>2</sup>
Graphics	Connector	1 VGA, 1 HDMI	1 DVI-I	1 HDMI		1 VGA, 1 DP++
Storage		1x 2.5" SATA 2.0 Drive Bay	1x 2.5" SATA 2.0 Drive Bay, 1 mSATA (Shared by Mini PCIe Socket)	1x 2.5" SATA 2.0 Drive Bay, 1 micro SD (available upon request), 1 mSATA (Shared by Mini PCIe Socket)		1 CFast
Expansion	Mini PCIe, M.2, PCIe, SIM	1 PCIe x1, 1 Mini PCIe, 1 M.2, 1 SIM	1 Mini PCIe	3 Mini PCIe		1 Mini PCIe, 1 M.2
Audio	Audio Codec	Realtek ALC262			Realtek ALC886	Realtek ALC262
Ethernet	Controller	2 Intel® I211	2 Intel® I210			
LED	Indicators	Power, HDD LED	-	Power, HDD LED		-
I/O	Ethernet (GbE)	2	2	2	2	2
	Serial	2 RS-232/422/485	1 RS-232/422/485, 3 RS-232	4 RS-232/422/485, 1 RS-232	4 RS-232/422/485	2 RS-232/422/485
	USB	4 USB 3.0	1 USB 3.0, 2 USB 2.0	1 USB 3.0, 3 USB 2.0		2 USB 3.0, 2 USB 2.0
	Display	1 VGA, 1 HDMI	1 DVI-I	1 HDMI		1 VGA, 1 DP++
	Audio	Line-out	Line-out	Line-out, Mic-in		Line-out, Mic-in
	Buttons	Power Button	Power Switch	Power Button, Reset Button		Power Switch
Power		12V DC-in	12V DC-in	16~24V DC-in		12V DC-in
OS Support		Win10	Win7, Win8, Win10			Win10
Mechanism	Construction	Aluminum Front Bezel				
	IP Rating	IP65 Front Panel				
	Mounting	Panel/VESA Mount				
	Dimensions	403.4 x 253.7 x 57.6 mm (W x H x D)	373 x 297 x 46.10 mm (W x H x D)	294 x 193 x 48 mm (W x H x D)	208 x 156 x 48 mm (W x H x D)	TBD
	Weight	TBD	3.8 kg	1.7 kg	2 kg	1.5 kg
Environment	Operating Temp.	0°C~50°C (SSD)	-10°C~60°C (SSD)	0°C~60°C (SSD)	0°C~50°C (SSD)	TBD
	Relative Humidity	5%~85% RH (non-condensing)				



Model Name		KS310-IMX6	KS210-IMX6	KS200	KS202
Platform		ARM			
System	Processor	Freescale™ i.MX6	Freescale™ i.MX6	TI® AM3517	TI® AM3517
	Max. Speed	1.0GHz	1.0GHz	600MHz	600MHz
	Cache	512KB	512KB	256KB	256KB
Memory	Technology	Dual Channel DDR3 400MHz	Dual Channel DDR3 400MHz	4 DDR2 264Mx16	4 DDR2 264Mx16
	Max. Capacity	2GB	2GB	512MB	512MB
	Socket	Memory down			
Display & Touch Screen	Display Type	10.1" Projected Capacitive TFT	7" Projected Capacitive TFT	7" 4-wire Resistive WVGA TFT	7" 4-wire Resistive WVGA TFT
	Max. Resolution	1280x800	1024x600	800x480	800x480
	Brightness	300 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Graphics	Connector	1 HDMI	1 HDMI	-	-
Storage		1 SD, 4GB eMMC Onboard	1 SD, 4GB eMMC Onboard	1 SD/MMC, 512MB NAND Flash	1 SD/MMC, 512MB NAND Flash
Expansion	PCIe, PCI	-	-	-	-
	Mini PCIe	1 Mini PCIe, 1 mSATA	1 Mini PCIe, 1 mSATA	-	-
	SIM	1 SIM	1 SIM	-	-
Audio	Audio	2 Built-in 1W Speaker	2 Built-in 1W Speaker	-	-
Ethernet	Controller	Atheros AR8033	Atheros AR8033	LAN8710	LAN8710
LED	Indicators	-	-	Power LED	Power LED
I/O	Ethernet (GbE)	1	1	1 (10/100Mbps)	1 (10/100Mbps)
	Serial	1 RS-232/422/485, 1 RS-232			
	USB	2 USB 2.0, 1 USB Client	2 USB 2.0, 1 USB Client	2 USB 2.0	2 USB 2.0
	Display	1 HDMI	1 HDMI	-	-
	Audio	1 Line-out/Mic-in	1 Line-out/Mic-in	1 Line-out	1 Line-out
	DIO	8-bit DIO	8-bit DIO	12-bit DIO	12-bit DIO
	Buttons	Power Switch			
	Wi-Fi Antenna	-	-	-	-
Power		12~36V DC-in	12~36V DC-in	9~30V DC-in	9~30V DC-in
OS Support		Android 4.3	Android 4.3	Win CE 6.0	Win CE 6.0
Mechanism	Construction	Aluminum Front Bezel, Rear Cover: Sheet Metal	Aluminum Front Bezel, Rugged Metal Housing	Aluminum Front Bezel, Rugged Metal Housing	Aluminum Front Bezel, Rugged Metal Housing
	IP Rating	IP65 Front Panel			
	Mounting	Wall / Panel Mount	Wall / Panel Mount	Wall / Panel Mount	VESA Mount
	Dimensions	293 x 204 x 43.4mm (W x H x D)	235 x 150 x 43.8mm (W x H x D)	235 x 150 x 40.8mm (W x H x D)	230.4 x 142.32 x 35.8mm (W x H x D)
	Weight	1.74 kg	1.26 kg	2.10kg	1.90kg
Environment	Operating Temp.	0°C~55°C	0°C~60°C	-20°C~65°C	-20°C~65°C
	Relative Humidity	85% RH at 65°C	85% RH at 65°C	95% RH at 65°C	95% RH at 65°C



## Fanless & Stainless Steel Panel PC



Model Name		SPC150-HU	SPC150-BT
Platform		ULT	Atom
System	Processor	4th Gen Intel® Core™ Processor	Intel® Celeron® Processor N2930
	Socket	BGA 1168	BGA 1170
	Max. Speed	1.7GHz/2GHz	2.16GHz
	TDP	15W	7.5W
	Cache	3M	2M
	Chipset	-	-
Memory	Technology	DDR3L 1333/1600MHz	DDR3L SDRAM 1333MHz
	Max. Capacity	4GB	2GB/4GB
	Socket	Memory onboard	Memory onboard
Display & Touch Screen	Display Type	15" Projected Capacitive / 5-wire Resistive TFT	15" 5-wire Resistive TFT
	Max. Resolution	1024x768	1024x768
	Brightness	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Graphics	Connector	-	-
Storage		1x 2.5" SATA 3.0 Drive Bay, 1 SD	1x 2.5" SATA 3.0 Drive Bay, 1 SD
Expansion	PCIe, PCI	-	-
	Mini PCIe	1 Mini PCIe	1 Mini PCIe
	SIM	-	-
Audio	Audio Codec	Realtek ALC662	Realtek ALC662
Ethernet	Controller	1 Intel® 82574	2 Intel® 82574
LED	Indicators	-	-
I/O	Ethernet (GbE)	1	2
	Serial	1 RS-232/422/485, 1 RS-232	1 RS-232/422/485, 2 RS-232
	USB	1 USB 3.0, 2 USB 2.0	1 USB 3.0, 3 USB 2.0
	Display	-	-
	Audio	-	Line-out
	DIO	-	-
	Buttons	-	Power Switch, Remote Power Switch
Wi-Fi Antenna	-	-	
Power		9~36V DC-in	9~36V DC-in
OS Support		Win7, Win8, Win8.1	Win7, Win8.1
Mechanism	Construction	Stainless Steel Chassis	Stainless Steel Chassis
	IP Rating	IP65/IP69K	5 Sides IP65
	Mounting	VESA Mount	VESA Mount
	Dimensions	399 x 324 x 48.5 mm (W x H x D)	398 x 316 x 50.5mm (W x H x D)
	Weight	7.2 kg	6.5 kg
Environment	Operating Temp.	-20°C~60°C (SSD), 0°C~50°C (HDD)	0°C~50°C
	Relative Humidity	10%~90% at 40°C (non-condensing)	10%~90% at 40°C (non-condensing)

# Heavy-Duty Industrial Panel PC

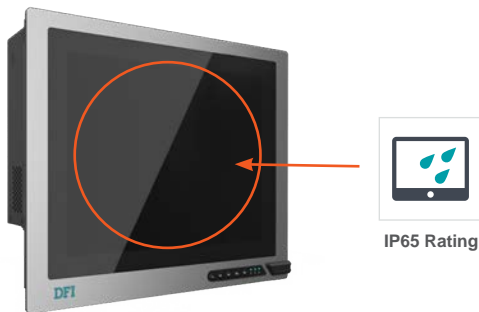
High Performance & Strong Scalability



## Features

Powered by Intel® Core™ Desktop Processor, DFI's TPC series is designed for high computing requirements. The various I/O interfaces and expandability makes it easier to increase functional add-ons required in your application scenario. Certified with IP65 and wide voltage support (12 to 36V), these heavy industrial Panel PCs are suited for demanding applications in factory automation and other harsh environments.

### IP65 Front Water Proof



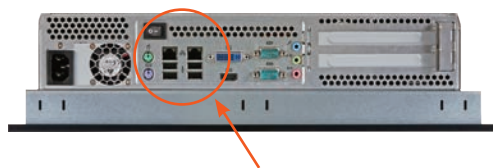
IP65 Rating

### 5-wire Resistive Touch



Resistive Touch

### Rich I/O : 6 USB 2.0



Rich I/O Connectivity

### Expandability: 2 PCI/PCIe Slots



Multiple Expansion

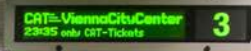
## Heavy-Duty Industrial Panel PC



Model Name		TPC150-SD	TPC170	TPC150	TPC121
Platform		Desktop		Desktop	
System	Processor	7th/6th Gen Intel® Core™		3rd/2nd Gen Intel® Core™ Processor	
	Socket	LGA 1151		LGA 1155	
	Max. Speed	2.4~4.2GHz		2.9~3.9GHz	
	TDP	35W/47W/65W		55W/65W/77W/95W	
	Cache	2M/3M/4M/6M/8M		3M/6M/8M	
	Chipset	Intel® H110/Intel® Q170		Intel® H61	
	BIOS	Insyde SPI 128Mbit		AMI SPI 32Mbit	
Memory	Technology	Dual Channel DDR4 1866/2133MHz		Dual Channel DDR3 1066/1333/1600MHz	
	Max. Capacity	32GB		16GB	
	Socket	2 SODIMM		2 SODIMM	
Display & Touch Screen	Display Type	15" Capacitive/Resistive TFT	17" 5-wire Resistive TFT	15" 5-wire Resistive TFT	12.1" 5-wire Resistive TFT
	Max. Resolution	1024x768	1280x1024	1024x768	1024x768
	Brightness	300 cd/m <sup>2</sup>	380 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Graphics	Connector	1 VGA, 1 DVI-I, 1 DP++		1 DVI-I, 1 HDMI	
Storage		1 or 2x 2.5" SATA 3.0 Drive Bay	2x 2.5" SATA 2.0 Drive Bay, 1 Optical Drive Bay (opt.)	2x 2.5" SATA 2.0 Drive Bay, 1 Optical Drive Bay (opt.)	1x 2.5" SATA 2.0 Drive Bay, 1 Optical Drive Bay (opt.)
Expansion	PCIe, PCI	2 PCI or 2 PCIe x8		1 PCIe x1 + 1 PCI or 2 PCI	
	Mini PCIe	1 Mini PCIe		2 Mini PCIe	
	SIM	-		-	
Audio	Audio Codec	ALC888		Realtek ALC886	
Ethernet	Controller	1 Intel® I210, 1 Intel® I219		1 Intel® W82579, 1 Intel® W82574	
LED	Indicators	Power, HDD, Alarm LED		Power, HDD, Alarm	
I/O	Ethernet (GbE)	2		2	
	Serial	1 RS-232/422/485, 1 RS-232		1 RS-232/422/485, 1 RS-232	
	USB	4 USB 3.0, 3 USB 2.0		6 USB 2.0	
	Display	1 VGA, 1 DVI-I, 1 DP++		1 DVI-I, 1 HDMI	
	Audio	2 Speaker		Mic-in, Line-in, Line-out	
	DIO	-		-	
	PS/2	1		2	
	Buttons	Power Switch, Remote Power Switch		Power Switch, 5 Function Keys	
Wi-Fi Antenna	-		1		
Power		ATX Power / 24V DC-in	ATX Power	ATX Power	19~24V DC-in
OS Support		Win7, Win8.1, Win10, Ubuntu		Win XP, WES 2009, POSReady 2009, Win7, WES7	
Mechanism	Construction	Sheet Metal		Aluminum Front Bezel, Rear Panel: Sheet Metal	
	IP Rating	IP65 Front Panel		IP65 Front Panel	
	Mounting	VESA / Panel Mount		VESA / Wall / Panel Mount	
	Dimensions	TBD	443 x 363 x 106 mm (W x H x D)	410 x 320 x 106 mm (W x H x D)	345 x 265 x 103 mm (W x H x D)
	Weight	TBD	9.6 kg	7.8 kg	6.5 kg
Environment	Operating Temp.	0°C~50°C		0°C~50°C	
	Relative Humidity	5%~85% RH		90% RH at 50°C	

# Bar Type Panel PC

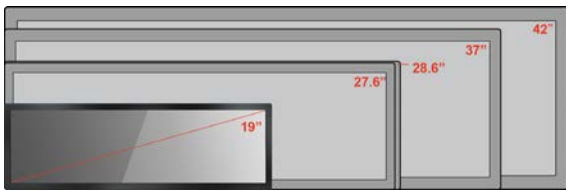
Fanless & Ruggedized Design



## Features

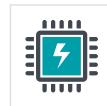
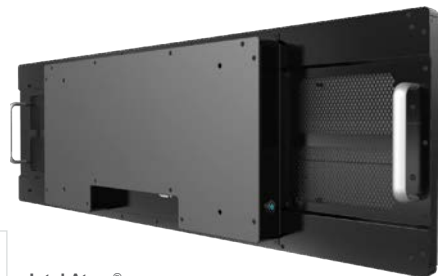
DFI's bar type panel pc series with a unique long-structure panel design is tailored to the applications in small and narrow spaces. Supporting low-power industrial-grade Intel Atom platforms, 24/7 nonstop reliable operation and high brightness, the series is able to fully meet your indoor and semi-outdoor requirements such as shop floor, public transit, stores, restaurants and so on.

### Available in Multiple Sizes



Multiple Size

### Platform : Intel Atom®



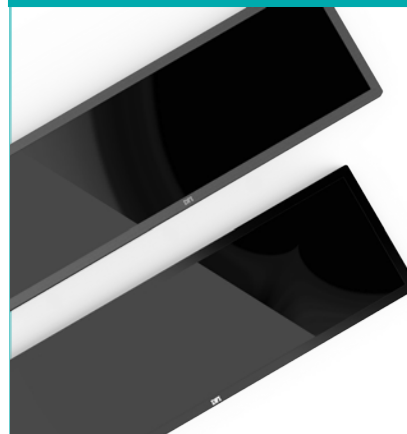
Intel Atom®

### 24/7 Stable Operation



24/7 Operation

### High Brightness



High Brightness



Model Name		BPC420-BW	BPC370-BW
Platform		Atom	Atom
System	Processor	Intel® Pentium®/Celeron® Processor N3000	Intel® Pentium®/Celeron® Processor N3000
	Socket	BGA 1170	BGA 1170
	Max. Speed	2.56GHz	2.56GHz
	TDP	6W	6W
	Cache	2M	2M
	Chipset	-	-
	BIOS	Insyde SPI 64Mbit	Insyde SPI 64Mbit
Memory	Technology	Single DDR3L 1600MHz	Single DDR3L 1600MHz
	Max. Capacity	8GB (4GB by default)	8GB (4GB by default)
	Socket	1 SODIMM	1 SODIMM
Display	Display Type	42" TFT LCD	37" TFT LCD
	Max. Resolution	1920x480	1920x540
	Brightness	700 cd/m <sup>2</sup> (1500 cd/m <sup>2</sup> available upon request)	700 cd/m <sup>2</sup> (1000 cd/m <sup>2</sup> available upon request)
Graphics	Connector	1 VGA, 1 DP++	1 VGA, 1 DP++
Storage		1 mSATA	1 mSATA
Expansion	Mini PCIe	1 Mini PCIe, 1 SIM (available upon request)	1 Mini PCIe, 1 SIM (available upon request)
Audio	Audio Codec	Realtek ALC888	Realtek ALC888
Ethernet	Controller	2 Intel® I211	2 Intel® I211
LED	Indicators	Power LED	Power LED
I/O	Ethernet (GbE)	2	2
	Serial	2 RS-232/RS422/RS485	2 RS-232/RS422/RS485
	USB	4 USB 3.0	4 USB 3.0
	Display	1 VGA, 1 DP++	1 VGA, 1 DP++
	Audio	Speaker 2W+2W (available upon request)	Speaker 2W+2W (available upon request)
	Buttons	Power	Power
Power		AC Input 110V ~ 240V	AC Input 110V ~ 240V
OS Support		Win7, Win8.1, Win10 IoT Enterprise, Ubuntu	Win7, Win8.1, Win10 IoT Enterprise, Ubuntu
Mechanism	Construction	Sheet Metal	Sheet Metal
	IP Rating	IP65 Front Protection Glass (available upon request)	IP65 Front Protection Glass (available upon request)
	Mounting	VESA Mount	VESA Mount
	Dimensions	TBD	948.1mm x 305.1mm x 75.3mm (W x H x D)
	Weight	TBD	11.15 kg
Environment	Operating Temp.	0°C~50°C	-5°C~50°C
	Relative Humidity	5%~95% RH (non-condensing)	5%~95% RH (non-condensing)



# Industrial Tablet PC

Rich Wireless Connectivity & Effective DAO



## Features

ART101 is a rugged Android 10.1" capacitive tablet equipped with 1D/2D barcode reader options and near field communication (NFC). It delivers efficient data acquisition and better management in production line. The built-in rich wireless communication, including 3G, 802.11 a/b/g/n and Bluetooth 4.0, ensures real-time data transmission in fields or indoors. It is a great helper in quality control, manufacturing shop floor, warehouse & DC.



Model Name		ART101
Platform		ARM
System	Processor	Freescall™ i.MX 6
	Max. Speed	1.0GHz
	Cache	512KB
Memory	Technology	1 DDR3
	Max. Capacity	1GB
	Socket	Memory Down
Display & Touch Screen	Display Type	10.1" Capacitive TFT
	Max. Resolution	1280x800
	Brightness	350 cd/m <sup>2</sup>
	Sensor	Accelerometer, E-Compass, Gyroscope, Vibrator, Light Sensor
Storage		8GB eMMC Onboard, 1 microSD
Communication		Wi-Fi, Bluetooth, NFC RFID, GPS, WWAN 3G (opt.)
Camera		Rear: 5.0 Mega Pixels, Front: 2.0 Mega Pixels
Audio	Speaker	2 Speaker 0.8W
LED	Indicators	Power and System Status, NFC RFID
I/O		1 micro USB, 1 micro HDMI, Earphone & Mic, 1 Power, 2 Volume, 2 Scanner Trigger Button
Power / Battery		100~240V AC 50/60Hz 0.8A / Li-ion, 3.7V, 8060mAh
OS Support		Android 4.2.2
Mechanism	IP Rating	IP65 / IP54
	Dimensions	278 x 199 x 21 mm (W x H x D)
	Weight	950 g
Environment	Operating Temp.	0°C~40°C
	Relative Humidity	5 to 95% RH

# Industrial Display

Multiple Sizes & High Brightness



## Bar Type Display



Model Name	BD190	BD276	BD286	BD370
Display Type	19" Bar Type Display	27.6" Bar Type Display	28.6" Bar Type Display	37" Bar Type Display
Max. Resolution	1680x342 (16:3)	1920x360 (16:3)	1920x540 (16:4.5)	1920x540 (16:4.5)
Brightness	300 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>
Contrast Ratio	2000:1	1000:1	1000:1	4000:1
Surface	Anti-Glare, 3H	Anti-Glare, 3H	Anti-Glare, 3H	Anti-Glare, 3H
View Angle	178/178°	170/170°	178/178°	178/178°
Input Interface	VGA, HDMI, USB	VGA, HDMI, USB	VGA, HDMI, USB	VGA, HDMI, USB
Backlight Life	50,000	50,000	50,000	50,000
Operating Temp.	-10°C~50°C	-10°C~40°C	-10°C~60°C	-10°C~50°C
Dimensions	499 x 130.4 x 64.3mm (W x H x D)	730.7 x 172.3 x 64.3mm (W x H x D)	737.1 x 235.1 x 64.3mm (W x H x D)	928.9 x 282.7 x 64.3mm (W x H x D)

## Touch Monitor

15"



17"



Model Name	IDP150	IDP170
Display Type	15" Capacitive LCD	17" Capacitive LCD
Max. Resolution	1024x768	1280x1024
Brightness	350 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
Contrast Ratio	700:1	1000:1
View Angle	85°/85°/80°/80° (L/R/U/D)	85°/85°/80°/80° (L/R/U/D)
Input Interface	USB, VGA	USB, DVI-I, VGA
Backlight Life	30,000	30,000
Power	100V~240V, 50Hz/60 Hz, 12V/3A	100V~240V, 50Hz/60 Hz, 12V/3A
Operating Temp.	0°C~40°C	0°C~40°C
Dimensions	340.37 x 267.86 x 44.3 mm (W x H x D)	392.63 x 327.95 x 46.82 mm (W x H x D)



### Headquarters

#### DFI Inc.

10F, No.97, Sec.1, Xintai 5th Rd.  
Xizhi Dist., New Taipei City 22175  
Taiwan (R.O.C.)  
Tel: +886 (2) 2697-2986  
Fax: +886 (2) 2697-2168  
www.dfi.com  
estore.dfi.com

### DFI-ITOX, LLC

15 Corporate Place South, Suite 201  
Piscataway, NJ 08854, U.S.A.  
Tel: +1 (732) 390-2815  
Fax: +1 (732) 562-0693  
www.dfi-itox.com  
www.dfi-itox.com/estore

### Diamond Flower Information (NL) B.V.

Klompemakerstraat 89, 3194 DD  
Rotterdam Hoogvliet, The Netherlands  
Tel: +31 (10) 313-4100  
Fax: +31 (10) 313-4101  
www.dfi.com

### DFI Co., Ltd.

5F Dai2 Denpa Bldg. 2-14-10 Sotokanda  
Chiyoda-ku, Tokyo, 101-0021, Japan  
Tel: +81 (3) 5209-1081  
Fax: +81 (3) 5209-1082  
www.dfi.com

### Yan Ying Hao Trading Co., Ltd. (Shenzhen)

Room 505, 5th Floor, Building D  
Hua Chuang Da Central Business Building  
Bao'an Road, Bao'an 42th District  
Shenzhen, China  
Tel: +86 (0755) 2372-9390  
Fax: +86 (0755) 2372-4065  
www.dfi.com

## Value-Added Services



### eStore

Easy / Fast / Convenient  
Provides you around-the-clock services worldwide



### Online Technical Service

Real-Time / Professional / 24/7  
Resolves your technical questions on the spot

