

Geshem | Shenzhen Geshem Technology Co.,Ltd

2020
PRODUCT CATALOG 1.0





INDUSTRIAL PANEL PC - RESISTIVE TOUCH

Flexible design, support personalized design/ODM

7-21.5" 5-wire resistive touchscreen

Support Intel Celeron/ Core Series or ARM CPU

Provide 6USB/4COM/2 LAN

Support Windows 10/7, Linux

PPC-GS2151TA/PPC-GS217XTA



Features

- ◆ 21.5" Resistive touch screen
- ◆ Chipset: Intel®--Celeron J1900/3855U/3865U/Core i3/i5/i7
- ◆ RAM: DDR3/ DDR4 2GB, up to 16GB
- ◆ Provide 4*USB+4*COM port
- ◆ 2*1000M LAN port

Ordering Information

TYPE	DESCRIPTION
PPC-GS2151T	21.5"/J1900/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS2171TA	21.5"/3855U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS2172TA	21.5"/3865U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS2173TA	21.5"/6 th Gen i3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS2175TA	21.5"/6 th Gen i5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS2177TA	21.5"/6 th Gen i7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS2174TA	21.5"/7 th Gen i3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS2176TA	21.5"/7 th Gen i5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS2178TA	21.5"/7 th Gen i7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A

Specifications

Display	
Screen	21.5" TFT LCD
Resolution	1920*1080
Brightness	250 cd/m ²
Contrast ratio	1000:1
Touchscreen	Resistive touch screen
Performance	
Chipset	Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
Memory	J1900 DDR3 2GB, up to 8GB 3855U/3865U/ Core i3/i5/i7 DDR4 2GB, up to 16GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD 64GB, up to 512GB
Power	
Power Supply	9-24V DC(9-36V optional)
O/S	
O/S	Windows 10、Linux(J1900 supports Windows 7)
I/O Port	
USB	J1900: 3*USB2.0+1*USB3.0 3855U/3865U/Core 6 th /7 th : 4*USB 3.0
COM	4*RS232 (1-2*RS485/RS422 optional)
Ethernet	2*1000M LAN
Audio	1*Line-out+1*Mic
MiniPCIe	1*MiniPCIe(optional WIFI/3G/4G)
GPIO	1*4 in/4 out(optional, occupy one COM port)
Environmental	
Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65(optional)
Reliability	MTBF ≥5000h; MTTR ≤0.5h
Operating Temperature	-10°C ~ 60°C with air flow
Storage Temperature	-20°C ~ 60°C
Operating Humidity	95% @40°C, non-condensing
Mechanical	
Dimensions	525mm(L)*316mm(W)*57mm(H)
Mounting Size	VESA mounting: 100*100mm Embedded mounting: 503*248
Material	Fanless High-strength and elegant Al-alloy panel
Weight	8.12kg/10.75kg(NET/Gross)
Color	Silver

PPC-GS1951TA/PPC-GS197XTA



Features

- ◆ 19" Resistive touch screen
- ◆ Chipset: Intel®--Celeron J1900/3855U/3865U/Core i3/i5/i7
- ◆ RAM: DDR3/ DDR4 2GB, up to 16GB
- ◆ Provide 4*USB+4*COM port
- ◆ 2*1000M LAN port

Specifications

Display

Screen	19" TFT LCD
Resolution	1440*900
Brightness	250 cd/m ²
Contrast ratio	1000:1
Touchscreen	5-wire Resistive touch screen

Performance

Chipset	Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
Memory	J1900 DDR3 2GB, up to 8GB 3855U/3865U/Core i3/i5/i7 DDR4 2GB, up to 16GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD 64GB, up to 512GB

Power

Power Supply	9-24V DC(9-36V optional)
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O/S

O/S	Windows 10、Linux(J1900 supports Windows 7)
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I/O Port

USB	J1900: 3*USB2.0+1*USB3.0 3855U/3865U/Core 6 th /7 th : 4*USB 3.0
COM	4*RS232(1-2*RS485/RS422 optional)
Ethernet	2*1000M LAN
Audio	1*Line-out+1*Mic
Display	1*VGA, 1*HDMI
MiniPCle	1*MiniPCle(optional WIFI/3G/4G)
GPIO	1*4 in/4 out(optional, occupy one COM port)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65(optional)
Reliability	MTBF ≥5000h; MTTR ≤0.5h
Operating Temperature	-10℃ ~ 50℃ with air flow
Storage Temperature	-20℃ ~ 60℃
Operating Humidity	95% @40℃, non-condensing

Mechanical

Dimensions	475mm(L)*308mm(W)*57mm(H)
Mounting size	VESA mounting: 100*100mm Embedded mounting: 444*248mm
Material	Fanless High-strength and elegant Al-alloy panel
Weight	7.25kg/9.72kg(NET/Gross)
Color	Silver

Ordering Information

TYPE	DESCRIPTION
PPC-GS1951T	19"/J1900/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1971TA	19"/3855U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1972TA	19"/3865U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1973TA	19"/6 th Gen I3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1975TA	19"/6 th Gen I5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1977TA	19"/6 th Gen I7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1974TA	19"/7 th Gen I3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1976TA	19"/7 th Gen I5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1978TA	19"/7 th Gen I7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A

1

Industrial panel PC
- Capacitive touch / Wide screen

2

Industrial panel PC
- Resistive touch

3

Rugged tablet

4

Embedded Box PC/
Rackmount PC

PPC-GS1751TA/PPC-GS177XTA



Features

- ◆ 17" Resistive touch screen
- ◆ Chipset: Intel®--Celeron J1900/3855U/3865U/Core i3/i5/i7
- ◆ RAM: DDR3/ DDR4 2GB, up to 16GB
- ◆ Provide 4*USB+4*COM port
- ◆ 2*1000M LAN port

Ordering Information

TYPE	DESCRIPTION
PPC-GS1751T	17"/J1900/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1771TA	17"/3855U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1772TA	17"/3865U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1773TA	17"/6 th Gen i3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1775TA	17"/6 th Gen i5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1777TA	17"/6 th Gen i7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1774TA	17"/7 th Gen i3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1776TA	17"/7 th Gen i5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1778TA	17"/7 th Gen i7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A

Specifications

Display

Screen	17" TFT LCD
Resolution	1280*1024
Brightness	250 cd/m ²
Contrast ratio	1000:1
Touchscreen	5-wire Resistive touch screen

Performance

Chipset	Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
Memory	J1900 DDR3 2GB, up to 8GB 3855U/3865U/ Core i3/i5/i7 DDR4 2GB, up to 16GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD 64GB, up to 512GB

Power

Power Supply	9-24V DC(9-36V optional)
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O/S

O/S	Windows 10、Linux(J1900 supports Windows 7)
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I/O Port

USB	J1900: 3*USB2.0+1*USB3.0 3855U/3865U/Core 6 th /7 th : 4*USB 3.0
COM	4*RS232 (1-2*RS485/RS422 optional)
Ethernet	2*1000M LAN
Audio	1*Line-out+1*Mic
Display	1*VGA, 1*HDMI
MiniPCle	1*MiniPCle(optional WIFI/3G/4G)
GPIO	1*4 in/4 out(optional, occupy one COM port)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65(optional)
Reliability	MTBF ≥ 5000h; MTTR ≤ 0.5h
Operating Temperature	-10°C ~ 50°C with air flow
Storage Temperature	-20°C ~ 60°C
Operating Humidity	95% @40°C, non-condensing

Mechanical

Dimensions	400mm(L)*320mm(W)*59mm(H)
Mounting size	VESA mounting: 100*100mm Embedded mounting: 369*248mm
Material	Fanless High-strength and elegant Al-alloy panel
Weight	6.1kg/8.0kg(NET/Gross)
Color	Silver

PPC-GS1551TA/PPC-GS157XTA



Features

- ◆ 15" Resistive touch screen
- ◆ Chipset: Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
- ◆ RAM: DDR3/ DDR4 2GB, up to 16GB
- ◆ Provide 4*USB+4*COM port
- ◆ 2*1000M LAN port

Specifications

Display

Screen	15" TFT LCD
Resolution	1024*768
Brightness	300 cd/m ²
Contrast ratio	1500:1
Touchscreen	5-wire Resistive touch screen

Performance

Chipset	Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
Memory	J1900 DDR3 2GB, up to 8GB 3855U/3865U/ Core i3/i5/i7 DDR4 2GB, up to 16GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD 64GB, up to 512GB

Power

Power Supply	9-24V DC(9-36V optional)
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O/S

O/S	Windows 10、Linux(J1900 supports Windows 7)
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I/O Port

USB	J1900:3*USB2.0+1*USB3.0 3855U/3865U/Core 6 th /7 th : 4*USB 3.0
COM	4*RS232(1-2*RS485/RS422 optional)
Ethernet	2*1000M LAN
Audio	1*Line-out+1*Mic
Display	1*VGA, 1*HDMI
MiniPCle	1*MiniPCle(optional WIFI/3G/4G)
GPIO	1*4 in/4 out(optional, occupy one COM port)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65(optional)
Reliability	MTBF ≥5000h; MTTR ≤0.5h
Operating Temperature	-10°C ~ 50°C with air flow
Storage Temperature	-20°C ~ 60°C
Operating Humidity	95% @40°C, non-condensing

Mechanical

Dimensions	380mm(L)*300mm(W)*59mm(H)
Mounting size	VESA mounting: 100*100mm Embedded mounting: 352*232mm

Material	Fanless High-strength and elegant Al-alloy panel
Weight	5.2kg/6.8kg(NET/Gross)
Color	Silver

Ordering Information

TYPE	DESCRIPTION
PPC-GS1551T	15"/J1900/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1571TA	15"/3855U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1572TA	15"/3865U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1573TA	15"/6 th Gen I3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1575TA	15"/6 th Gen I5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1577TA	15"/6 th Gen I7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1574TA	15"/7 th Gen I3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1576TA	15"/7 th Gen I5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1578TA	15"/7 th Gen I7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A

1

Industrial panel PC
- Capacitive touch / Wide screen

2

Industrial panel PC
- Resistive touch

3

Rugged tablet

4

Embedded Box PC/
Rackmount PC

PPC-GS1251TA/PPC-GS127XTA



Features

- ◆ 12.1" Resistive touch screen
- ◆ Chipset: Intel® Celeron J1900/3855U/3865U/Core I3/I5/I7
- ◆ RAM: DDR3/ DDR4 2GB, up to 16GB
- ◆ Provide 4*USB+4*COM port
- ◆ 2*1000M LAN port

Ordering Information

TYPE	DESCRIPTION
PPC-GS1251T	12.1"/J1900/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1271TA	12.1"/3855U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1272TA	12.1"/3865U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1273TA	12.1"/6 th Gen I3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1275TA	12.1"/6 th Gen I5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1277TA	12.1"/6 th Gen I7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1274TA	12.1"/7 th Gen I3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1276TA	12.1"/7 th Gen I5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1278TA	12.1"/7 th Gen I7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A

Specifications

Display

Screen	12.1" TFT LCD
Resolution	1024*768
Brightness	350 cd/m ²
Contrast ratio	800:1
Touchscreen	5-wire Resistive touch screen

Performance

Chipset	Intel® Celeron J1900/3855U/3865U/Core I3/I5/I7
Memory	J1900 DDR3 2GB, up to 8GB 3855U/3865U/ Core I3/I5/I7 DDR4 2GB, up to 16GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD 64GB, up to 512GB

Power

Power Supply	9-24V DC(9-36V optional)
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O/S

O/S	Windows 10、Linux(J1900 supports Windows 7)
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I/O Port

USB	J1900:3*USB2.0+1*USB3.0 3855U/3865U/Core 6 th /7 th : 4*USB 3.0
COM	4*RS232 (1-2*RS485/RS422 optional)
Ethernet	2*1000M LAN
Audio	1*Line-out+1*Mic
Display	1*VGA, 1*HDMI
MiniPCle	1*MiniPCle(optional WIFI/3G/4G)
GPIO	1*4 in/4 out(optional, occupy one COM port)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65(optional)
Reliability	MTBF ≥ 5000h; MTTR ≤ 0.5h
Operating Temperature	-10°C - 50°C with air flow
Storage Temperature	-20°C - 60°C
Operating Humidity	95% @40°C, non-condensing

Mechanical

Dimensions	317mm(L)*246mm(W)*65.7mm(H)
Mounting size	VESA mounting: 100*100mm Embedded mounting: 309*193mm
Material	Fanless High-strength and elegant Al-alloy panel
Weight	4.1kg/5.5kg(NET/Gross)
Color	Silver

PPC-GS1051TA/PPC-GS107XTA



Features

- ◆ 10" Resistive touch screen, Front panel IP65 optional
- ◆ Chipset: Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
- ◆ RAM: DDR3/ DDR4 2GB, up to 16GB
- ◆ Provide 4*USB+4*COM port
- ◆ 2*1000M LAN port

Specifications

Display

Screen	10" TFT LCD
Resolution	1024*768
Brightness	350 cd/m ²
Contrast ratio	400:1
Touchscreen	5-wire Resistive touch screen

Performance

Chipset	Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
Memory	J1900 DDR3 2GB, up to 8GB 3855U/3865U/ Core i3/i5/i7 DDR4 2GB, up to 16GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD 64GB, up to 512GB

Power

Power Supply	9-24V DC(9-36V optional)
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O/S

O/S	Windows 10、Linux(J1900 supports Windows 7)
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I/O Port

USB	J1900:3*USB2.0+1*USB3.0 3855U/3865U/Core 6 th /7 th : 4*USB 3.0
COM	4*RS232 (1-2*RS485/RS422 optional)
Ethernet	2*1000M LAN
Audio	1*Line-out+1*Mic
Display	1*VGA, 1*HDMI
MiniPCle	1*MiniPCle(optional WIFI/3G/4G)
GPIO	1*4 in/4 out(optional, occupy one COM port)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65(optional)
Reliability	MTBF ≥ 5000h; MTTR ≤ 0.5h
Operating Temperature	-10°C ~ 50°C with air flow
Storage Temperature	-20°C ~ 60°C
Operating Humidity	95% @40°C, non-condensing

Mechanical

Dimensions	258mm(L)*198mm(W)*57.5mm(H)
Mounting size	VESA mounting: 100*100mm Embedded mounting: 243*180mm

Material	Fanless High-strength and elegant Al-alloy panel
Weight	2.5kg/4.0kg(NET/Gross)
Color	Silver

Ordering Information

TYPE	DESCRIPTION
PPC-GS1051T	10"/J1900/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1071TA	10"/3855U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1072TA	10"/3865U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1073TA	10"/6 th Gen I3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1075TA	10"/6 th Gen I5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1077TA	10"/6 th Gen I7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1074TA	10"/7 th Gen I3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1076TA	10"/7 th Gen I5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS1078TA	10"/7 th Gen I7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A

1

Industrial panel PC
- Capacitive touch / Wide screen

2

Industrial panel PC
- Resistive touch

3

Rugged tablet

4

Embedded Box PC/
Rackmount PC

PPC-GS0851TA/PPC-GS087XTA



Features

- ◆ 8" Resistive touch screen, Front panel IP65 optional
- ◆ Chipset: Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
- ◆ RAM: DDR3/DDR4 2GB, up to 16GB
- ◆ Provide 4*USB+4*COM port
- ◆ 2*1000M LAN port

Ordering Information

TYPE	DESCRIPTION
PPC-GS0851T	12.1"/J1900/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS0871TA	12.1"/3855U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS0872TA	12.1"/3865U/2G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS0873TA	12.1"/6 th Gen i3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS0875TA	12.1"/6 th Gen i5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS0877TA	12.1"/6 th Gen i7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS0874TA	12.1"/7 th Gen i3/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS0876TA	12.1"/7 th Gen i5/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A
PPC-GS0878TA	12.1"/7 th Gen i7/4G/64G/4USB/ 4RS232/2LAN/VGA/HDMI/12V5A

Specifications

Display

Screen	8" TFT LCD
Resolution	800*600
Brightness	300 cd/m ²
Contrast ratio	400:1
Touchscreen	5-wire Resistive touch screen

Performance

Chipset	Intel® Celeron J1900/3855U/3865U/Core i3/i5/i7
Memory	J1900 DDR3 2GB, up to 8GB 3855U/3865U/Core i3/i5/i7 DDR4 2GB, up to 16GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD 64GB, up to 512GB

Power

Power Supply	9-24V DC(9-36V optional)
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O/S

O/S	Windows 10、Linux(J1900 supports Windows 7)
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I/O Port

USB	J1900: 3*USB2.0+1*USB3.0 3855U/3865U/Core 6 th /7 th : 4*USB 3.0
COM	4*RS232 (1-2*RS485/RS422 optional)
Ethernet	2*1000M LAN
Audio	1*Line-out+1*Mic
Display	1*VGA, 1*HDMI
MiniPCle	1*MiniPCle(optional WIFI/3G/4G)
GPIO	1*4 in/4 out(optional, occupy one COM port)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65(optional)
Reliability	MTBF ≥ 5000h; MTTR ≤ 0.5h
Operating Temperature	-10°C ~ 50°C with air flow
Storage Temperature	-20°C ~ 60°C
Operating Humidity	95% @40°C, non-condensing

Mechanical

Dimensions	228mm(L)*178mm(W)*60.8mm(H)
Mounting size	VESA mounting: 100*100mm Embedded mounting: 213*132mm
Material	Fanless High-strength and elegant Al-alloy panel
Weight	2.0kg/3.7kg(NET/Gross)
Color	Silver

PPC-GS1092T



Features

- ◆ 10.1" Multi-point capacitive touch screen
- ◆ Chipset: RK3288 SoC Cortex-A17 Quad Core @ 1.8GHz Max.
- ◆ Onboard 2GB EMMC (4GB optional MOQ required)
- ◆ Provide 2*USB+4*COM port
- ◆ Support 1*1000M LAN port

Specifications

Display

Screen	10.1" TFT LCD
Resolution	1280*800
Brightness	350 cd/m ²
Touchscreen	Multi-point capacitive touch screen

Performance

Chipset	RK3288 SoC Cortex-A17 Quad Core @ 1.8GHz Max
Memory	Onboard 2GB EMMC (4GB optional MOQ required)
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	8GB NAND Flash

Power

Power Supply	12V DC (with adapter)
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O/S

O/S	Android 5.1.1
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I/O Port

USB	2*USB 2.0
COM	4*RS232 (1*RS485 optional)
Ethernet	1*1000M LAN
Audio	1*Line-out/In
Display	1*HDMI
Bluetooth/WIFI	Bluetooth 4.0/WIFI
GPS	Optional
SD/TF	1*TF card slot(Max capacity up to 128G)
SIM	1*SIM card slot
MiniPCle	1*MiniPCle(optional 3G/4G)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65
Reliability	MTBF ≥5000h; MTTR ≤0.5h
Operating Temperature	-10°C ~ 50°C with air flow
Storage Temperature	-20°C ~ 60°C
Operating Humidity	95% @40°C, non-condensing

Mechanical

Dimensions	268mm(L)*195mm(W)*52.5mm(H) VESA mounting: 100*100mm
Mounting size	Embedded mounting: 243*155mm
Material	Fanless High-strength and elegant Al-alloy panel
Weight	1.45kg/2.31kg(NET/Gross)
Color	Black

1
Industrial panel PC
- Capacitive touch / Wide screen

2
Industrial panel PC
- Resistive touch

3
Rugged tablet

4
Embedded Box PC/
Rackmount PC

PPC-GS0792T



Features

- ◆ 7" Multi-Point capacitive touch screen
- ◆ Chipset: RK3288 SoC Cortex-A17 Quad Core @ 1.8GHz Max.
- ◆ Onboard 2GB EMMC (4GB optional MOQ required)
- ◆ Provide 2*USB+2*COM port
- ◆ Support 1*1000M LAN port

Specifications

Display

Screen	7" TFT LCD
Resolution	800*480
Brightness	400 cd/m ²
Touchscreen	Capacitive touch screen

Performance

Chipset	RK3288 SoC Cortex-A17 Quad Core @ 1.8GHz Max
Memory	On board 2GB EMMC (4GB optional MOQ required)
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	8GB NAND Flash

Power

Power Supply	12V DC (with adapter)
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O/S

O/S	Android 5.1.1
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I/O Port

USB	2*USB 2.0
COM	2*RS232 (1*RS485 optional)
Ethernet	1*1000M LAN
Audio	1*Line-out/In
Display	1*HDMI
Bluetooth/WIFI	Support
TF	1*TF card slot (up to 64GB)
SIM	1*SIM card slot
MiniPCle	1*MiniPCle(optional 3G/4G)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65
Reliability	MTBF ≥ 5000h; MTTR ≤ 0.5h
Operating Temperature	-10°C ~ 50°C with air flow
Storage Temperature	-20°C ~ 60°C
Operating Humidity	95% @40°C, non-condensing

Mechanical

Dimensions	186mm(L)*135mm(W)*45.5mm(H)
Mounting size	VESA mounting: 75*75mm
Material	Fanless High-strength and elegant Al-alloy panel
Weight	1.11kg/1.61kg(NET/Gross)
Color	Black

1

Industrial panel PC
- Capacitive touch / Wide screen

2

Industrial panel PC
- Resistive touch

3

Rugged tablet

4

Embedded Box PC/
Rackmount PC

PPC-GS1051T-JK4



Features

- ◆ 10" Resistive touch screen
- ◆ Chipset: Intel® Celeron® J1900 processor
- ◆ RAM: 2GB DDR3, up to 8GB
- ◆ Provide 4*USB+5*COM port
- ◆ Support 2*1000M LAN port

Specifications

Display

Screen	9.7" TFT LCD
Resolution	1024*768
Brightness	350 cd/m ²
Contrast ratio	500:1
Touchscreen	5-wire Resistive touch screen

Performance

Chipset	Intel® Celeron®J1900 Processor
Memory	Standard 2GB DDR3, up to 8GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD: Standard 32GB, up to 512GB

Power

Power Supply	9-28V DC
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O/S

O/S	Windows 7、Windows 10、Linux
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I/O Port

USB	3*USB 2.0(from extended cable), 1*USB3.0(on product panel)
COM	3*RS232+2*RS485(from extended cable)
Ethernet	2*1000M LAN(one from extended cable, one on rear panel)
Audio	1*Line-out+1*Mic-in, 2*Built-in speaker

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65
Reliability	MTBF≥5000h; MTTR≤0.5h
Operating Temperature	-20℃ ~ 60℃ with air flow
Storage Temperature	-30℃ ~ 70℃
Operating Humidity	95% @40℃, non-condensing

Mechanical

Dimensions	243mm(L)*198mm(W)*42mm(H) VESA mounting: 100*100mm;
Mounting size:	Embedded mounting: 193*165mm
Material	Fanless High-strength and elegant Al-alloy panel+PPS
Weight	1.67kg(NET)
Color	Black front panel & silver housing

1

Industrial panel PC
-
Capacitive touch /
Wide screen

2

Industrial panel PC
-
Resistive touch

3

Rugged tablet

4

Embedded
Box PC/
Rackmount
PC

PPC-GS0851T-JK4



Features

- ◆ 8" Resistive touch screen(capacitive screen Optional), Front panel IP65
- ◆ Chipset: Intel® Celeron® J1900 processor
- ◆ 2GB DDR3 RAM, up to 8 GB
- ◆ Provide 4*USB+4*COM port
- ◆ 2*1000M RJ45 LAN

Specifications

Display

Screen	8" TFT LCD
Resolution	800*600
Brightness	300 cd/m ²
Contrast ratio	500:1
Touchscreen	Resistive touch screen (capacitive screen Optional)

Performance

Chipset	Intel® Celeron® J1900 Processor
Memory	2GB DDR3 up to 8GB
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD: Standard 32GB, up to 512GB

Power

Power Supply	9-24V DC
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O/S

O/S	Windows 7、Windows 10、Linux
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I/O Port

USB	3*USB 2.0+1*USB3.0
COM	4*RS232
Ethernet	2*1000M LAN
Audio	1*Line-out+1*Mic
Display	1*HDMI
MiniPCle	1*MiniPCle(optional WIFI/3G/4G)

Environmental

Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65
Reliability	MTBF > 5000h; MTTR < 0.5h
Operating Temperature	-20°C - 60°C with air flow
Storage Temperature	-30°C - 70°C
Operating Humidity	95% @40°C, non-condensing

Mechanical

Dimensions	220mm(L)*172mm(W)*43.5mm(H)
Mounting size	VESA mounting: 100*100mm
Material	Fanless High-strength and elegant Al-alloy panel+PPS
Weight	1.2kg/2.5kg(NET/Gross)
Color	Black

1

Industrial panel PC
-
Capacitive touch /
Wide screen

2

Industrial panel PC
-
Resistive touch

3

Rugged tablet

4

Embedded Box PC/
Rackmount PC

PPC-GS0853T-JK4



Features

- ◆ 8" Industrial display, Resistive touch screen(capacitive touch Optional)
- ◆ Chipset: Intel® Atom E3845 processor
- ◆ Onboard 2GB RAM
- ◆ Provide 3*USB+3*COM port
- ◆ Front Panel IP65

Specifications

Display	
Screen	8" TFT LCD
Resolution	800*600
Brightness	350 cd/m ²
Contrast ratio	500:1
Touchscreen	Standard Resistive touch screen (capacitive screen Optional)
Performance	
Chipset	Intel® Atom E3845 Processor
Memory	Standard 2GB onboard (4GB optional MOQ required)
Hardware Monitor	Monitors voltage, CPU, TEMP
Watchdog Timer	0-255 sec by software
Storage	SSD: Standard 32GB, up to 512GB
Power	
Power Supply	9-18V DC
O/S	
O/S	Windows 7、Windows 10、Linux
I/O Port	
USB	3*USB 2.0 (1 on rear panel, 2 w. extended cable)
COM	3*RS232(from extended cable)
Ethernet	1*100M LAN
Audio	1*Line-out
Environmental	
Anti-vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g, acceleration
Anti-shock	10g acceleration, 11ms duration
IP Level	Front panel IP65
Reliability	MTBF ≥ 5000h; MTTR ≤ 0.5h
Operating Temperature	-10°C ~ 60°C with air flow
Storage Temperature	-30°C ~ 70°C
Operating Humidity	95% @40°C, non-condensing
Mechanical	
Dimensions	220mm(L)*172mm(W)*42.2mm(H)
Mounting size	VESA mounting: 100*100mm Embedded mounting: 193*165mm
Material	Fanless High-strength and elegant Al-alloy panel+PPS
Weight	NW/GW: 1.38KG/2.66KG
Color	Black front panel/Silver housing

1
Industrial panel PC
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Rugged tablet

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Embedded Box PC/
Rackmount PC

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