

Eagle Panel PC – True Flat Slim Series



**PC Touch panel
with Display from
10" to 24"**



**Intel Processor
128G msata, 4GB RAM
Win. 10 IoT**



Features

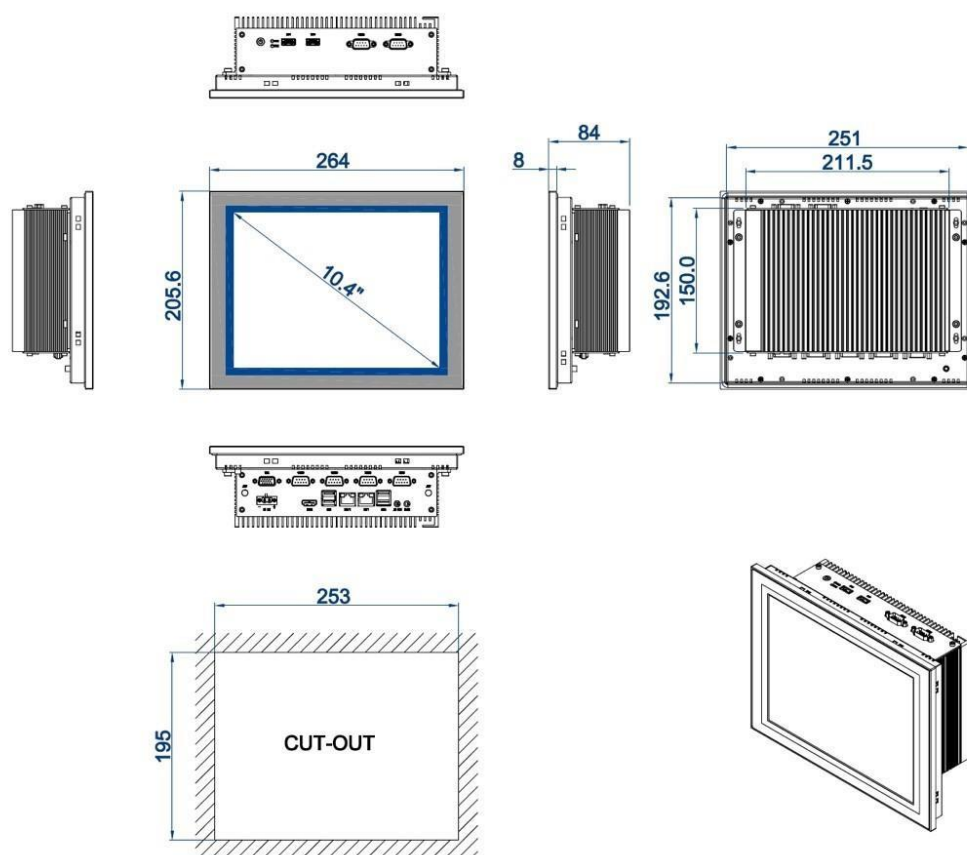
- 10.4" TFT LCD display, LED Backlit, XGA 1024 * 768;
- Intel Baytrail J1900; Intel Apollo Lake j3455
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 9~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Baytrail J1900, Quad-core 2.0Ghz, burst to 2.42Ghz Intel Apollo lake j3455
	Memory	SO-DIMM, DDR3, max. up to 8GB
	Storage	1*mSATA (Optional support 1* 2.5"SATA)
	Graphic	Intel HD Graphic Gen7
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)
	Audio	On-board Realtek ACL 282 audio controller
	Expansion	1* Full size Mini-PCle slot
	Watch dog	0~256 seconds programmable
	OS	Win7, Win8, Win embedded, Win10, Linux
IO interface	COM	6x RS232 (Optional support 1x RS485)
	Ethernet	2x RJ45, 10/100/1000 Mbps
	Audio	Mic-in/Line-out
	USB	1x USB3.0, 4x USB2.0
	Display	1x HDMI, 1x VGA
	Power	1x 2 pins, phenix terminal
LCD Display	Size/Type	10.4" TFT LCD
	Resolution	1024 * 768 (XGA)
	Brightness	350 nits
	Backlit & MTBF	LED backlit & 30 000hours
	Display area	211.2 * 158.4
	View angle	75/75/75/75
Touchscreen	Type	High temp. 5-wires Resistive touchscreen
	Response time	<5ms
	Click life	250g / 35 million times
	Special treatment	PET film laminated, flat design
	Touch controller	EETI
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment
	Mount method	Panel mount (Optional support VESA 75/100)
	Cooling system	Large area finned heat sink
	Overall dimension	264 * 205.6 * 84.0 (mm)
	Cut-out dimension	253 * 195 (mm)
	Net weight	4.0 KG
	IP protection	Front Panel IP65
Power & Environmental	Operating temp.	-20 ~ +70°C
	Storage temp.	-30 ~ +80°C
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 9~24V
	Power consumption	Around 30W
	EMC	CE/FCC Class A

DIMENSIONAL DRAWING:TPC-PR104

Dimension



DIMENSIONS IN MILLIMETERS

Ordering info.

Part no.	Description
EAGLE-PR104A1	10.4", 1024 * 768, Intel Apollo Lake J3455, Resistive touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
EAGLE-PR104C1	10.4", 1024 * 768, Intel Baytrail J1900, Resistive touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
INCLUDED :	Memory: SO-DIM 4GB RAM – 128GB SSD mSATA
OPTIONAL ACCESSORIES :	Memory : SO-DIM 8GB RAM
	mSata SSD : 256GB – 1TB – 2TB
	Wi-Fi module, with Antenna
	Wi-Fi with BT integrated module, with Antenna
	All network 4G/LTE module, With Antenna
	Additional VESA bracket for VESA mounting
	Windows 10 IoT

Packing List

■	1x Standard Product
■	1x 60W PSU (Power Supply)
■	1x Power cable & Plug
■	8x Panel mount metal clips

EAGLE-PR104S

10.4" Intel 6th Core i3/i5/i7 Resistive Touch Panel mounting Panel PC

Specification:

Key features:

- 10.4" 1024*768, 5-wires Resistive touch screen;
- Intel 6th -gen Core i3/i5/i7 processor;
- Impact, fan-less design, Finned heat sink;
- 2 * Intel GLAN, 6*USB, 6* COM, 1* HDMI, 1*VGA;
- Wide-temp range, support -20°C~+70 °C;
- **Front surface PET film laminated, true flat front panel;**
- **Optional 10-points multi points projective capacitive touch.**

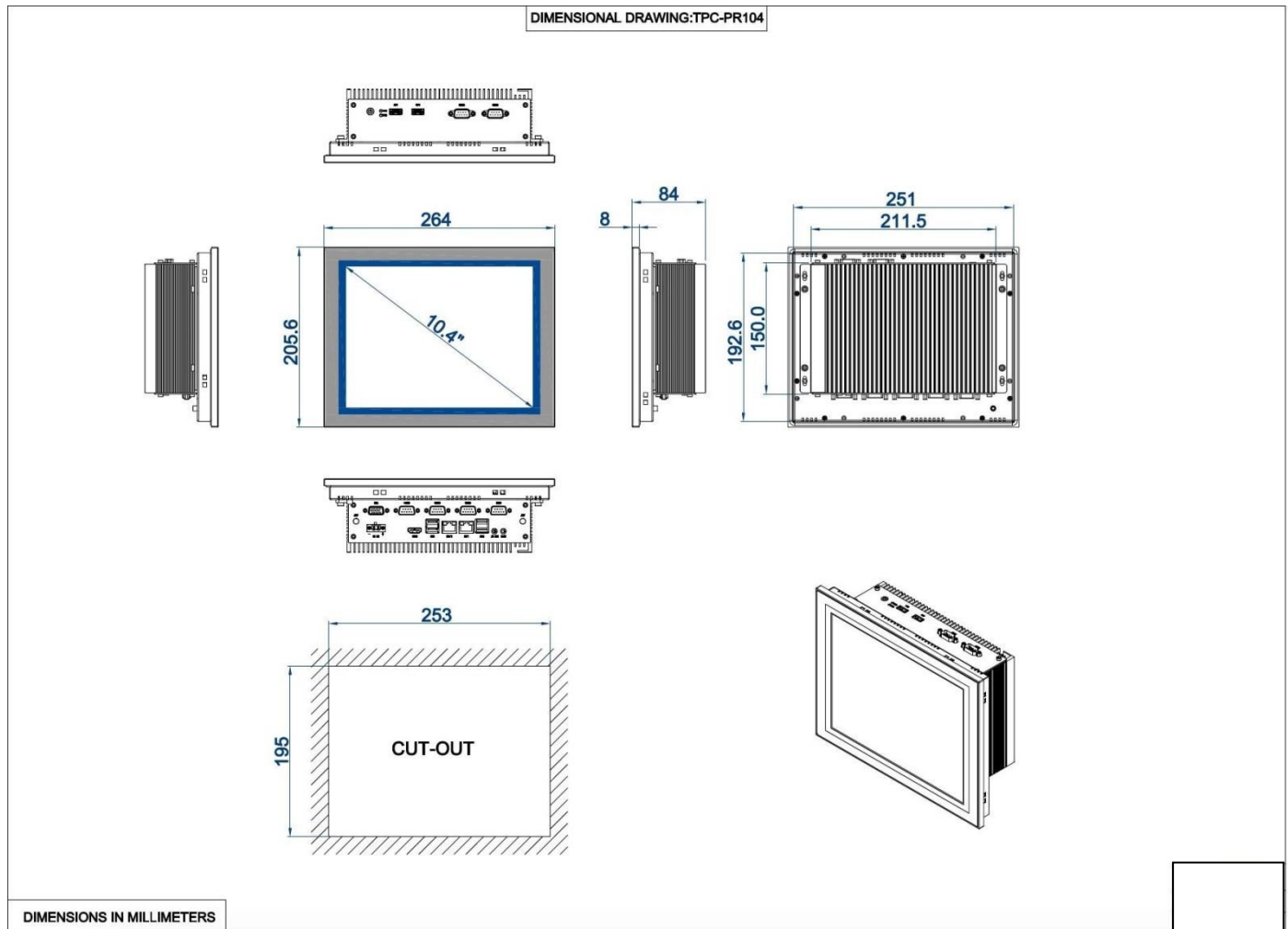


Technical Data

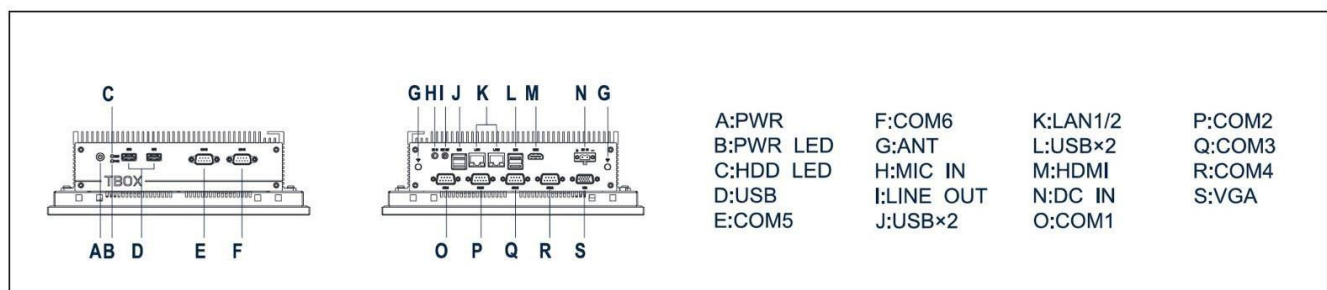
Model Item	EAGLE-PR104S1	EAGLE-PR104S2	EAGLE-PR104S3
System			
BIOS	SPI AMI EFI BIOS		
CPU	Intel Core i3-6100U	Intel Core i5-6200U	Intel Core i7-6500U
CPU Ghz	Dual-core 2.3Ghz	Dual-core 2.3Ghz	Dual-core 2.5Ghz
Memory	DDR4L, Max. up to 16GB		
Graphic card	Intel HD Graphics 500		
Network	2*Intel I211AT, expansion with Wifi/3G/4G		
Storage	1x 2.5'' SATA + 1x mSATA		
Audio	Realtek ACL 269 controller		
Watch dog	Programmable 1~255 seconds		
Operating System	Win7, Win8, Win embedded, Win 10, Linux, Unix		
I/O			
Network	2x RJ45, 10/100/1000 Mbps		
USB	2x USB 2.0 + 4x USB 3.0		
COM	6x RS232 (Surge and electrostatic protection) COM4/5 support RS232/RS485 COM6 support RS232/TTL		
Audio	Line-In, Line-Out		
Display	1*VGA, 1*HDMI		
Power Input	1*2 pins, phoenix terminal		
LCD			

Size/Type	10.4" TFT LCD
Resolution	1024 * 768 (XGA)
Brightness	350 (cd/m ²)
Brightness MTBF	WLED, 30 000 hours
Display area	211.2 x 158.4
Viewing angle	75/75/75/75 (Typ.)
TOUCH	
Type	High-temp. precision 5 wires Resistive touch
Interface	USB (Optional RS232)
Transmittance	>80±3%
Resolution	4096 x 4096
Click life	250g/ 35 000 000 times
Response time	<15ms
Operating force	≤50g
Surface hardness	>Mohs 3H
Structure	
Front Panel	Magnesium-aluminum alloy, Anodizing treatment
Back Panel	SGCC Galvanized plate sheet, Sand-blasting
Cooling System	Finned aluminum heatsinks, fan-less design
IP rating	IP65 front panel
Mounting	Panel mounting, support VESA 75/100
Hole dimension	253 x 195 (mm)
Product Dimension	264 x 205.6 x 84 (mm)
Net weight	4KG
Power and Environmental	
Voltage Input	DC 12~24V (Over-current, Over-voltage and reverse polarity protection)
Power Consumption	About 35 W
Working temperature	-20°C~+70 °C
Storage temperature	-30°C~+80 °C
Relative humidity	10~95%@10°C (No condensation)
Vibration	50~500Hz,1.5G,0.15mm peak to peak
Shock	10G/peak (11ms sec)

Dimension



I/O definition



Ordering Information

EAGLE-PR104S1	10.4", 1024*768, Intel Core i3-6100U, 2*GLAN, 4*USB3.0+2*USB2.0, 6*RS232, 1*HDMI, 1*VGA, Resistive touch, DC 12V Adapter
EAGLE-PR104S2	10.4", 1024*768, Intel Core i5-6200U, 2*GLAN, 4*USB3.0+2*USB2.0, 6*RS232, 1*HDMI, 1*VGA, Resistive touch, DC 12V Adapter
EAGLE-PR104S3	10.4", 1024*768, Intel Core i7-6500U, 2*GLAN, 4*USB3.0+2*USB2.0, 6*RS232, 1*HDMI, 1*VGA, Resistive touch, DC 12V Adapter
Memory	DDR4L 4G/8G/16G
Storage	SSD: 16GB/32GB/64GB/128GB/256GB/512GB/1TB HDD: 500GB/1TB
Wireless module	WIFI: 802.11 b/g/n Mini PCIe 3G/4G/LTE: All network module
Bracket	TPC-PC Series VESA bracket



Features

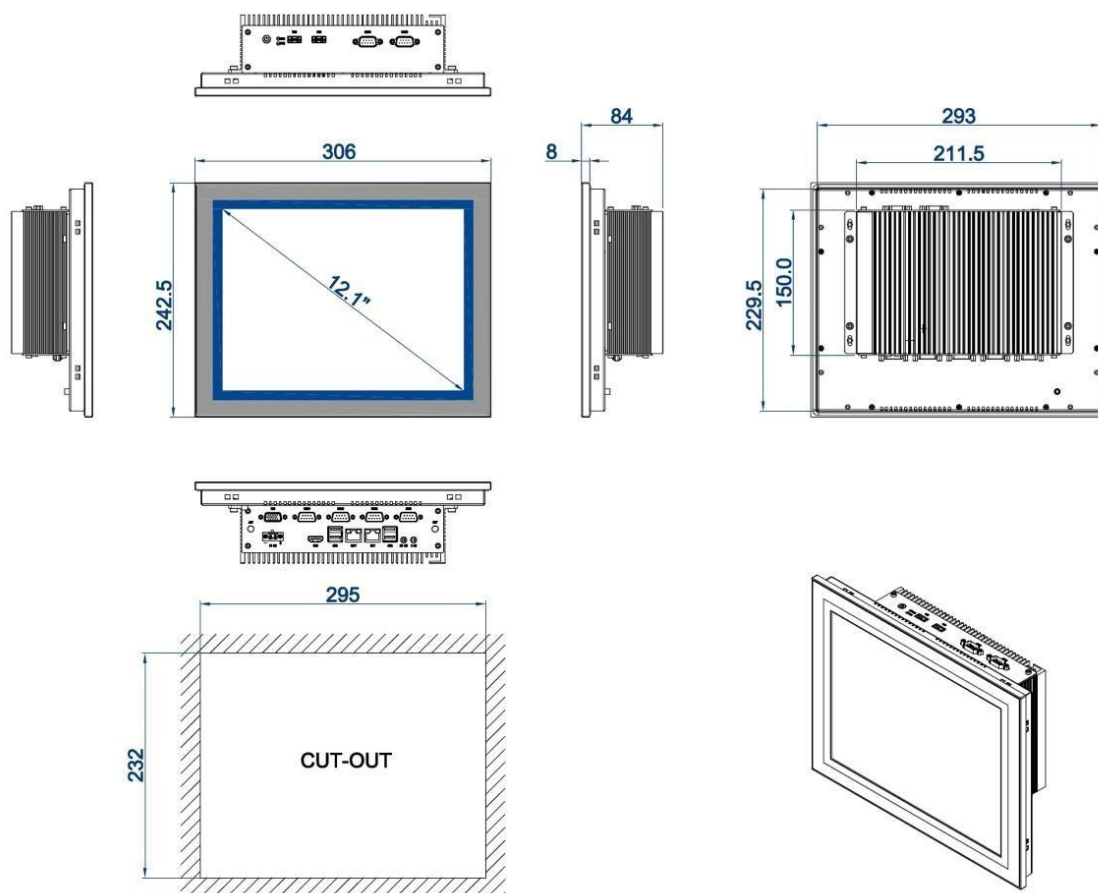
- 12.1" TFT LCD display, LED Backlit, XGA 1024 * 768;
- Intel Baytrail J1900 ; Intel Apollo lake J3455
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 9~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Baytrail J1900, Intel Apollo Lake J3455
	Memory	SO-DIMM, DDR3, max. up to 8GB
	Storage	1*mSATA (Optional support 1* 2.5"SATA)
	Graphic	Intel HD Graphic Gen 7
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)
	Audio	On-board Realtek ACL 282 audio controller
	Expansion	1* Full size Mini-PCIe slot
	Watch dog	0~256 seconds programmable
	OS	Win7, Win8, Win embedded, Win10, Linux
IO interface	COM	6x RS232 (Optional support 1x RS485)
	Ethernet	2x RJ45, 10/100/1000 Mbps
	Audio	Mic-in/Line-out
	USB	1x USB3.0, 4x USB2.0
	Display	1x HDMI, 1x VGA
	Power	1x 2 pins, phenix terminal
LCD Display	Size/Type	12.1" TFT LCD
	Resolution	1024 * 768 (XGA)
	Brightness	350 nits
	Backlit & MTBF	LED backlit & 30 000hours
	Display area	245.76 * 184.32
	View angle	80/80/80/80
Touchscreen	Type	High temp. 5-wires Resistive touchscreen
	Response time	<5ms
	Click life	250g / 35 million times
	Special treatment	PET film laminated, flat design
	Touch controller	EETI
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment
	Mount method	Panel mount (Optional support VESA 75/100)
	Cooling system	Large area finned heat sink
	Overall dimension	306.0 * 242.5 * 84.0 (mm)
	Cut-out dimension	295 * 232 (mm)
	Net weight	4.2 KG
	IP protection	Front Panel IP65
Power & Environmental	Operating temp.	-20 ~ +70°C
	Storage temp.	-30 ~ +80°C
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 9~24V
	Power consumption	Around 30W
	EMC	CE/FCC Class A

DIMENSIONAL DRAWING:TPC-PR121

Dimension



DIMENSIONS IN MILLIMETERS

Ordering information

Part no.	Description
EAGLE-PR121C1	12.1", 1024 * 768, Intel Baytrail J1900, Resistive. touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
EAGLE-PR121A1	12.1", 1024 * 768, Intel Apollo Lake J3455, Resistive touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
INCLUDED :	Memory: SO-DIM 4GB RAM – 128GB SSD mSATA
OPTIONAL ACCESSORIES :	Memory : SO-DIM 8GB RAM
	mSata SSD : 256GB – 1TB – 2TB
	Wi-Fi module, with Antenna
	Wi-Fi with BT integrated module, with Antenna
	All network 4G/LTE module, With Antenna
	Additional VESA bracket for VESA mounting
	Windows 10 IoT

Packing List

- 1x Standard Product
- 1x 60W PSU (Power Supply)
- 1x Power cable & Plug
- 8x Panel mount metal clips

EAGLE-PR121S

12.1" Intel Kaby lake Core i3/i5/i7 Resistive Touch Panel mounting Panel PC

Specification

Key features:

- 12.1" 1024*768, 5-wires Resistive touch screen;
- Intel Kaby lake 7th –gen Core i3/i5/i7 processor;
- Impact, fan-less design, Finned heat sink;
- 2 * Intel GLAN, 6* USB, 6* RS232, 1* HDMI, 1*VGA;
- Wide-temp range, support -20°C~+70 °C;
- **Front surface PET film laminated, true flat front panel;**
- **Optional 10-points multi points projective capacitive touch.**

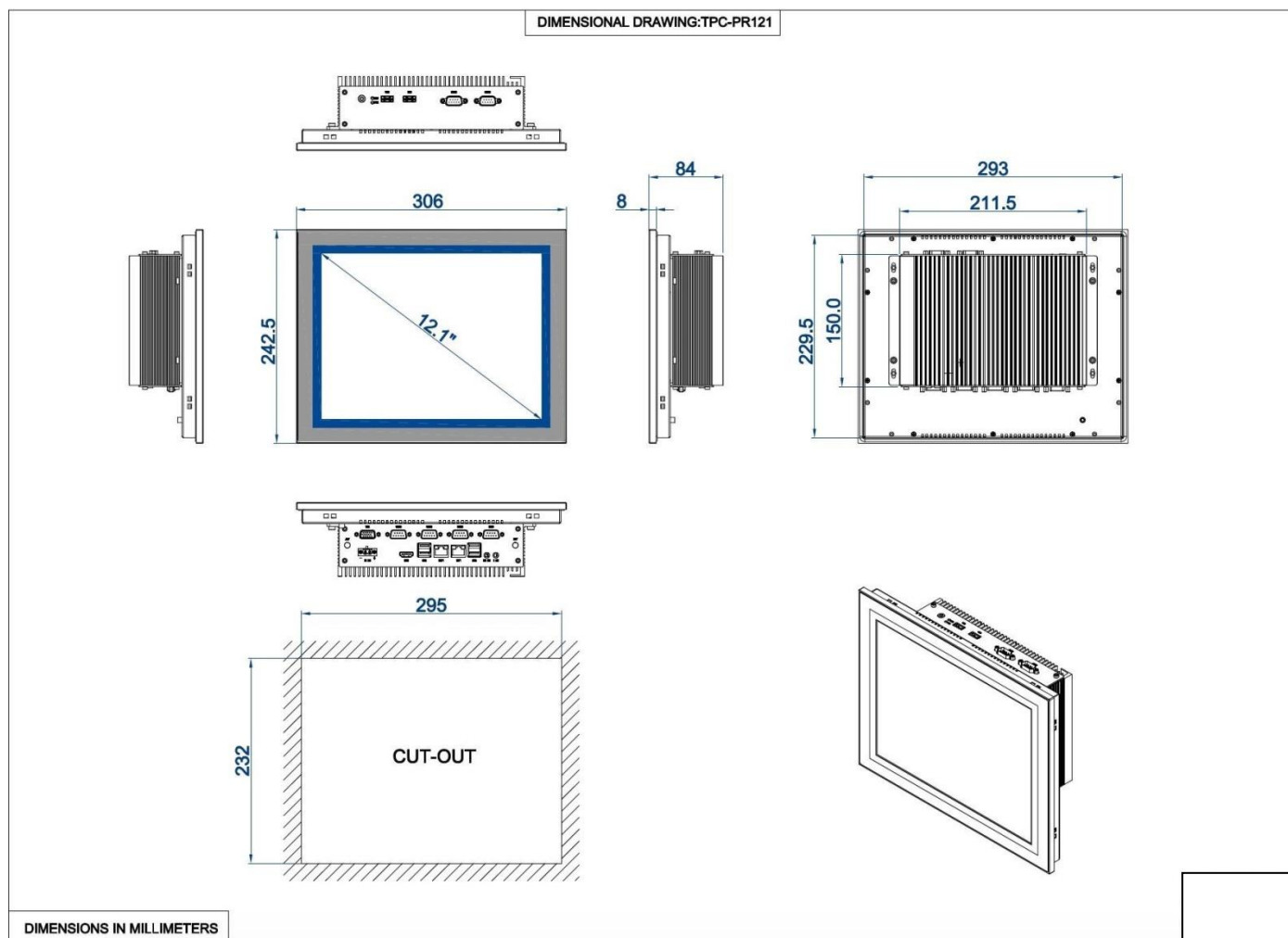


Technical Data

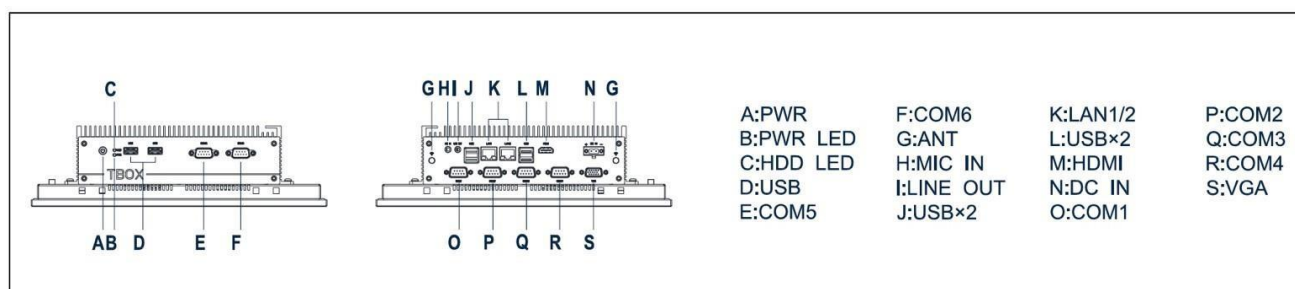
Model Item	EAGLE-PR121S1	EAGLE-PR121S2	EAGLE-PR121S3
System			
BIOS	SPI AMI EFI BIOS		
CPU	Intel Core i3-7100U	Intel Core i5-7200U	Intel Core i7-7500U
CPU Ghz	Dual-core 2.4Ghz	Dual-core 2.5Ghz	Dual-core 2.7Ghz
Memory	DDR4L, Max. up to 16GB		
Graphic card	Intel HD Graphics 500		
Network	2*Intel I211AT, expansion with Wifi/3G/4G		
Storage	1x 2.5" SATA + 1x mSATA		
Audio	Realtek ACL 269 controller		
Watch dog	Programmable 1~255 seconds		
Operating System	Win7, Win8, Win embedded, Win 10, Linux, Unix		
I/O			
Network	2x RJ45, 10/100/1000 Mbps		
USB	2x USB 2.0 + 4x USB 3.0		
COM	6x RS232 (Surge and electrostatic protection) COM4/5 support RS232/RS485 COM6 support RS232/TTL		
Audio	Line-In, Line-Out		
Display	1*VGA, 1*HDMI		
Power Input	1*2 pins, phoenix terminal		

LCD	
Size/Type	12.1" TFT LCD
Resolution	1024 * 768 (XGA)
Brightness	350 (cd/m ²)
Brightness MTBF	WLED, 30 000 hours
Display area	245.76 x 184.32
Viewing angle	80/80/80/80 (Typ.)
TOUCH	
Type	High-temp. precision 5 wires Resistive touch
Interface	USB (Optional RS232)
Transmittance	>80±3%
Resolution	4096 x 4096
Click life	250g/ 35 000 000 times
Response time	<15ms
Operating force	≤50g
Surface hardness	>Mohs 3H
Structure	
Front Panel	Magnesium-aluminum alloy, Anodizing treatment
Back Panel	SGCC Galvanized plate sheet, Sand-blasting
Cooling System	Finned aluminum heatsinks, fan-less design
IP rating	IP65 front panel
Mounting	Panel mounting, support VESA 75/100
Hole dimension	295 x 232 (mm)
Product Dimension	306 x 242 x 84 (mm)
Net weight	4KG
Power and Environmental	
Voltage Input	DC 12~24 V (Over-current, Over-voltage and reverse polarity protection)
Power Consumption	About 35 W
Working temperature	-20°C~+70 °C
Storage temperature	-30°C~+80 °C
Relative humidity	10~95%@10°C (No condensation)
Vibration	50~500Hz,1.5G,0.15mm peak to peak
Shock	10G/peak (11ms sec)

Dimension



I/O definition



Ordering Information

EAGLE-PR121S1	12.1", 1024*768 Intel Core i3-7100U, 2*GLAN, 4*USB3.0+2*USB2.0, 6*RS232, 1*HDMI, 1*VGA, Resistive touch, DC 12V Adapter
EAGLE-PR121S2	12.1", 1024*768, Intel Core i5-7200U, 2*GLAN, 4*USB3.0+2*USB2.0, 6*RS232, 1*HDMI, 1*VGA, Resistive touch, DC 12V Adapter
EAGLE-PR121S3	12.1", 1024*768, Intel Core i7-7500U, 2*GLAN, 4*USB3.0+2*USB2.0, 6*RS232, 1*HDMI, 1*VGA, Resistive touch, DC 12V Adapter
Memory	DDR4L 4G/8G/16G
Storage	SSD: 16GB/32GB/64GB/128GB/256GB/512GB/1TB HDD: 500GB/1TB
Wireless module	WIFI: 802.11 b/g/n Mini PCIe 3G/4G/LTE: All network module
Bracket	TPC-PC Series VESA bracket



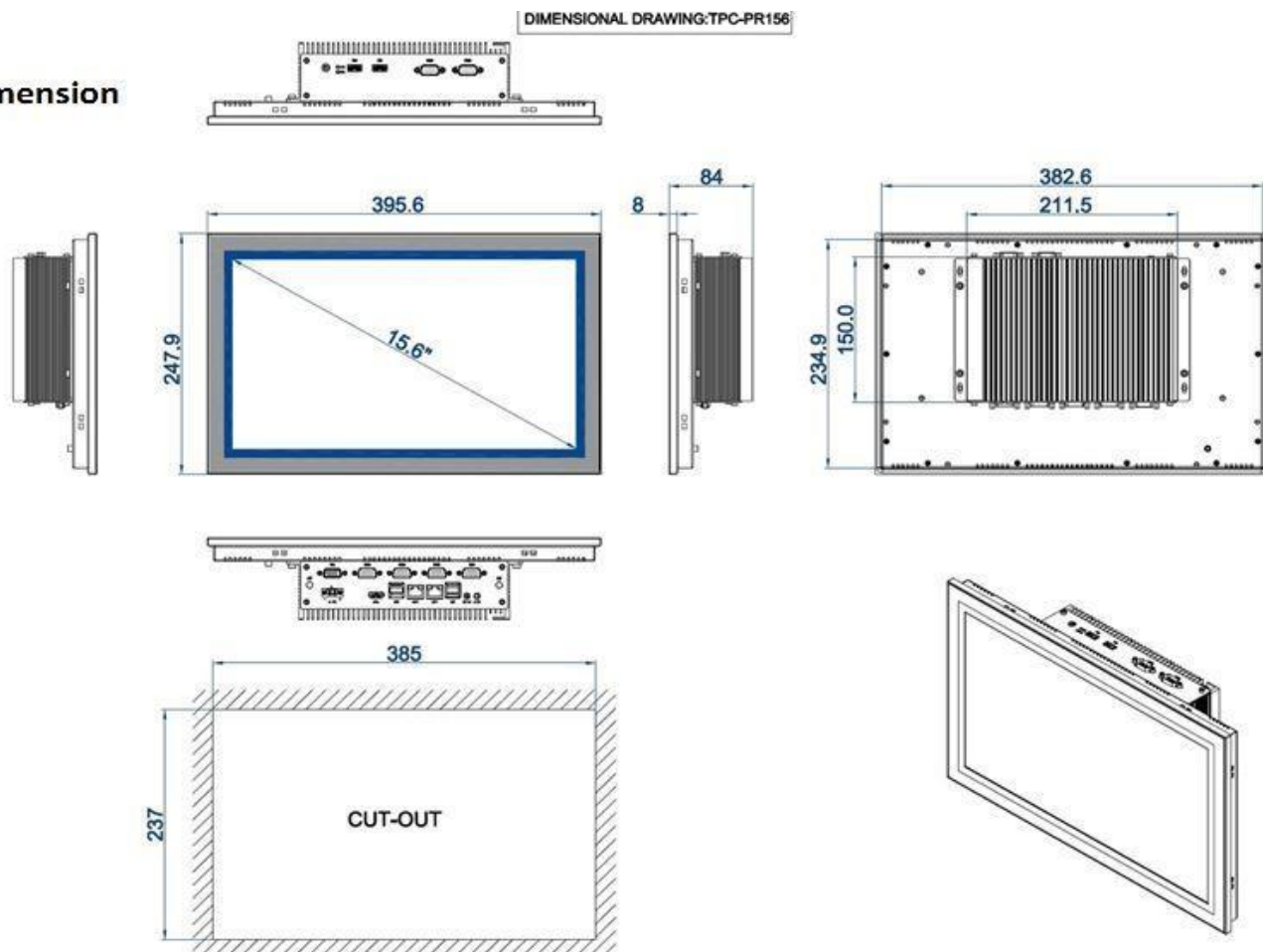
Features

- 15.6" TFT LCD display, LED Backlit, WXGA 1366 * 768;
- Intel Baytrail J1900 / Intel Apollo Lake J3455
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 9~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Baytrail J1900 / Apollo Lake J3455
	Memory	SO-DIMM, DDR3, max. up to 8GB
	Storage	1* mSATA (Optional support 1* 2.5" SATA)
	Graphic	Intel HD Graphics Gen7
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)
	Audio	On-board Realtek ACL 282 audio controller
	Expansion	1* Full size Mini-PCIe slot
	Watch dog	0~256 seconds programmable
	OS	Win7, Win8, Win embedded, Win10, Linux
IO interface	COM	2* RS232 (Optional support 1x RS485)
	Ethernet	2* RJ45, 10/100/1000 Mbps
	Audio	Mic-in/Line-out
	USB	1x USB3.0, 3x USB2.0
	Display	1x HDMI
	Power	1x 2 pins, phenix terminal
LCD Display	Size/Type	15.6" TFT LCD
	Resolution	1366 * 768 (WXGA)
	Brightness	400 nits
	Backlit & MTBF	LED backlit & 50 000hours
	Display area	344.23 * 193.54
	View angle	85/85/80/80
Touchscreen	Type	High temp. 5-wires Resistive touchscreen
	Response time	<5ms
	Click life	250g / 35 million times
	Special treatment	PET film laminated, flat design
	Touch controller	EETI
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment
	Mount method	Panel mount (Optional support VESA 75/100)
	Cooling system	Large area finned heat sink
	Overall dimension	395.6 * 247.9 * 84.0 (mm)
	Cut-out dimension	385 * 237 (mm)
	Net weight	5.0 KG
	IP protection	Front Panel IP65
Power & Environmental	Operating temp.	0 ~ +60°C
	Storage temp.	-20 ~ +70°C
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 9~24V
	Power consumption	Around 35W
	EMC	CE/FCC Class A

Dimension



Ordering info.

Part no.	Description
EAGLE-PR156A1	15.6", 1366 * 768, Intel Apollo Lake J3455 , Resistive. touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
EAGLE-PR156C1	15.6", 1366 * 768, Intel Baytrail J1900, Resistive touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
INCLUDED :	Memory: SO-DIM <u>4GB RAM</u> – <u>128GB SSD</u> mSATA
OPTIONAL ACCESSORIES :	Memory : SO-DIM 8GB RAM
	mSata SSD : 256GB – 1TB – 2TB
	Wi-Fi module, with Antenna
	Wi-Fi with BT integrated module, with Antenna
	All network 4G/LTE module, With Antenna
	Additional VESA bracket for VESA mounting
	Windows 10 IoT

Packing List

■	1x Standard Product
■	8x Panel mount metal clips

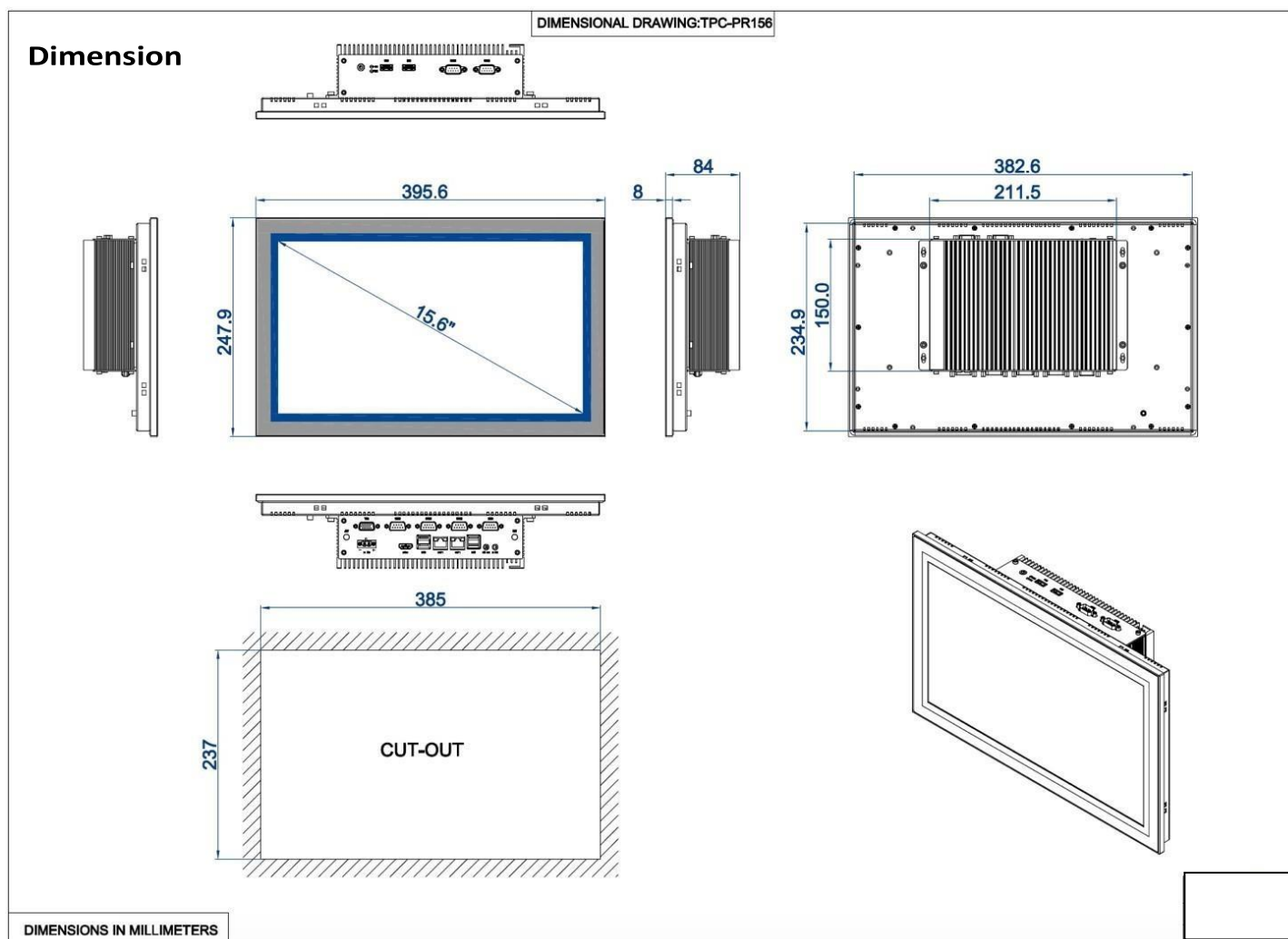


Features

- 15.6" TFT LCD display, LED Backlit, WXGA 1366 * 768;
- Intel 6th -gen. Skylake -U Celeron, Core i3/i5/i7, dual-core processor;
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS		
	CPU	i3-6100U, Dual core	i5-6200U, Dual-core	i7-6500U, Dual-core
		2.3Ghz	2.3Ghz, burst to 2.8Ghz	2.5Ghz, burst to 3.1Ghz
	Memory	SO-DIMM, DDR4, max. up to 16GB		
	Storage	1*mSATA (Optional support 1* 2.5" SATA)		
	Graphic	Intel HD Graphics 520		
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)		
	Audio	On-board Realtek ACL 269 audio controller		
	Expansion	1* Full size Mini-PCIe slot		
	Watch dog	0~256 seconds programmable		
IO interface	OS	Win7, Win8, Win embedded, Win10, Linux		
	COM	6x RS232 (Optional support 1x RS485)		
	Ethernet	2x RJ45, 10/100/1000 Mbps		
	Audio	Mic-in/Line-out		
	USB	4x USB3.0, 2x USB2.0		
	Display	1x HDMI, 1x VGA		
	Power	1x 2 pins, phenix terminal		
LCD Display	Size/Type	15.6" TFT LCD		
	Resolution	1366 * 768 (WXGA)		
	Brightness	400 nits		
	Backlit & MTBF	LED backlit & 50 000hours		
	Display area	344.23 * 193.54		
	View angle	85/85/80/80		
Touchscreen	Type	High temp. 5-wires Resistive touchscreen		
	Response time	<5ms		
	Click life	250g / 35 million times		
	Special treatment	PET film laminated, flat design		
	Touch controller	EETI		
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment		
	Mount method	Panel mount (Optional support VESA 75/100)		
	Cooling system	Large area finned heat sink		
	Overall dimension	395.6 * 247.9 * 84.0 (mm)		
	Cut-out dimension	385 * 237 (mm)		
	Net weight	5.0 KG		
	IP protection	Front Panel IP65		
Power & Environmental	Operating temp.	0 ~ +60°C		
	Storage temp.	-20 ~ +70°C		
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)		
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak		
	Shock	10G/Peak (11 ms)		
	Power input	DC 12~24V		
	Power consumption	Around 40W		
	EMC	CE/FCC Class A		



Ordering info.

Part no.	Description
EAGLE-PR156S1	15.6", 1366 * 768, Core i3-6100U , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
EAGLE-PR156S2	15.6", 1366 * 768, Core i5-6200U , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
EAGLE-PR156S3	15.6", 1366 * 768, Core i7-6500U , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
INCLUDED :	Memory: SO-DIM 4GB RAM – 128GB SSD mSATA
OPTIONAL ACCESSORIES :	Memory : SO-DIM 8GB RAM
	mSata SSD : 256GB – 1TB – 2TB
	Wi-Fi module, with Antenna
	Wi-Fi with BT integrated module, with Antenna
	All network 4G/LTE module, With Antenna
	Additional VESA bracket for VESA mounting
	Windows 10 IoT

Packing List

- 1x Standard Product
- 1x 60W PSU (Power Supply)
- 1x Power cable & Plug
- 8x Panel mount metal clips



Features

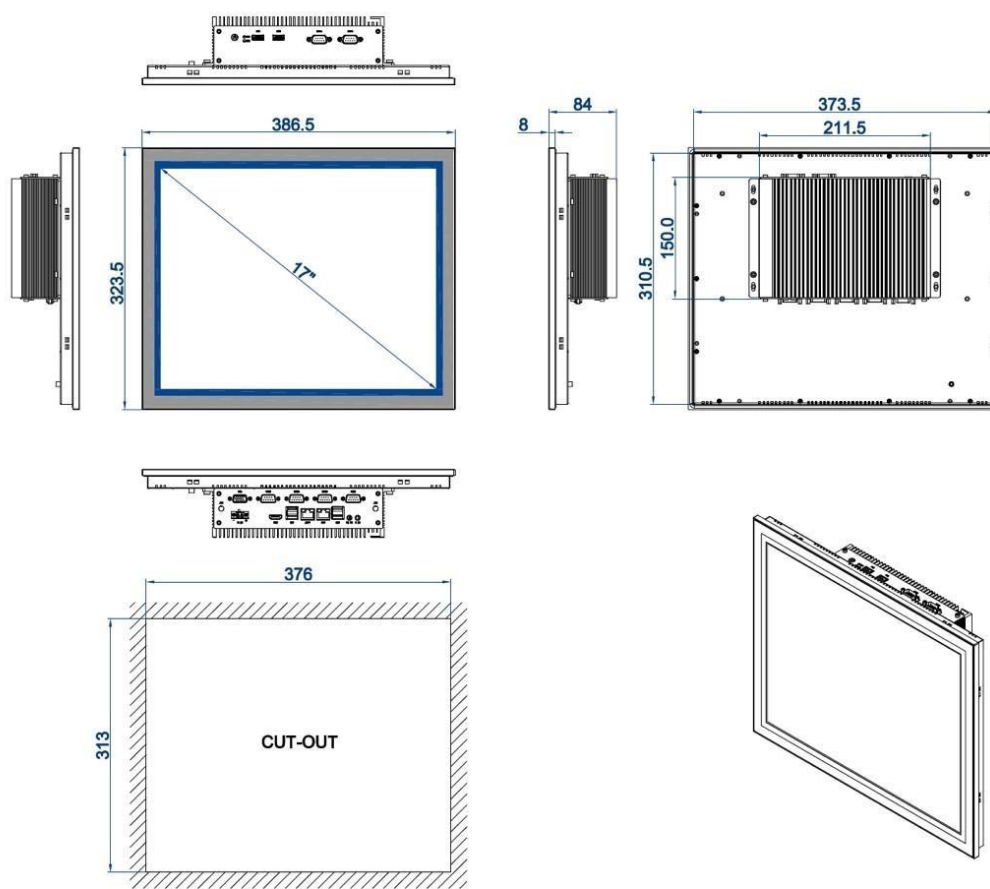
- 17.0" TFT LCD display, LED Backlit, SXGA 1280 * 1024;
- Intel Baytrail J1900 ; Intel Apollo Lake J3455
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 9~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

Specification

Hardware & System	BIOS	SPI AMI EET BIOS
	CPU	Intel Baytrail J1900;; Intel Apollo Lake J3455
	Memory	SO-DIMM, DDR3, max. up to 8GB
	Storage	1*mSATA (Optional support 1* 2.5" SATA)
	Graphic	Intel HD Graphics Gen7
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)
	Audio	On-board Realtek ACL 282 audio controller
	Expansion	1* Full size Mini-PCle slot
	Watch dog	0~256 seconds programmable
	OS	Win7, Win8, Win embedded, Win10, Linux
IO interface	COM	6x RS232 (Optional support 1x RS485)
	Ethernet	2x RJ45, 10/100/1000 Mbps
	Audio	Mic-in/Line-out
	USB	1x USB3.0, 4x USB2.0
	Display	1x HDMI, 1x VGA
	Power	1x 2 pins, phenix terminal
LCD Display	Size/Type	17.0" TFT LCD
	Resolution	1280 * 1024 (SXGA)
	Brightness	250 nits
	Backlit & MTBF	LED backlit & 30 000hours
	Display area	337.92 * 270.34
	View angle	85/85/85/85
Touchscreen	Type	High temp. 5-wires Resistive touchscreen
	Response time	<5ms
	Click life	250g / 35 million times
	Special treatment	PET film laminated, flat design
	Touch controller	EETI
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment
	Mount method	Panel mount (Optional support VESA 75/100)
	Cooling system	Large area finned heat sink
	Overall dimension	386.5 * 323.5 * 84.0 (mm)
	Cut-out dimension	376 * 313 (mm)
	Net weight	5.5 KG
	IP protection	Front Panel IP65
Power & Environmental	Operating temp.	0 ~ +50°C
	Storage temp.	-20 ~ +60°C
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 9~24V
	Power consumption	Around 35W
	EMC	CE/FCC Class A

DIMENSIONAL DRAWING:TPC-PR170

Dimension



DIMENSIONS IN MILLIMETERS

Ordering info.

Part no.	Description
EAGLE-PC170A1	17.0", 1280 * 1024, Intel Apollo Lake J3455, Resistive touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
EAGLE-PR170C1	17.0", 1280 * 1024, Intel Baytrail J1900, Resistive touch, 2*GLAN, 5*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 9~24V
INCLUDED :	Memory: SO-DIM 4GB RAM – 128GB SSD mSATA
OPTIONAL ACCESSORIES :	Memory : SO-DIM 8GB RAM
	mSata SSD : 256GB – 1TB – 2TB
	Wi-Fi module, with Antenna
	Wi-Fi with BT integrated module, with Antenna
	All network 4G/LTE module, With Antenna
	Additional VESA bracket for VESA mounting
	Windows 10 IoT

Packing List

- 1x Standard Product
- 1x 60W PSU (Power Supply)
- 1x Power cable & Plug
- 8x Panel mount metal clips

ErreUno S.r.l. – Via novella 13, 43058 Sorbolo (PR) Italy, tel : 0521 694164 , fax : 0521-1851863 ,
email: info@erre1.it web: www.erre1.it e-shop: www.syby.it

EAGLE – PR170S



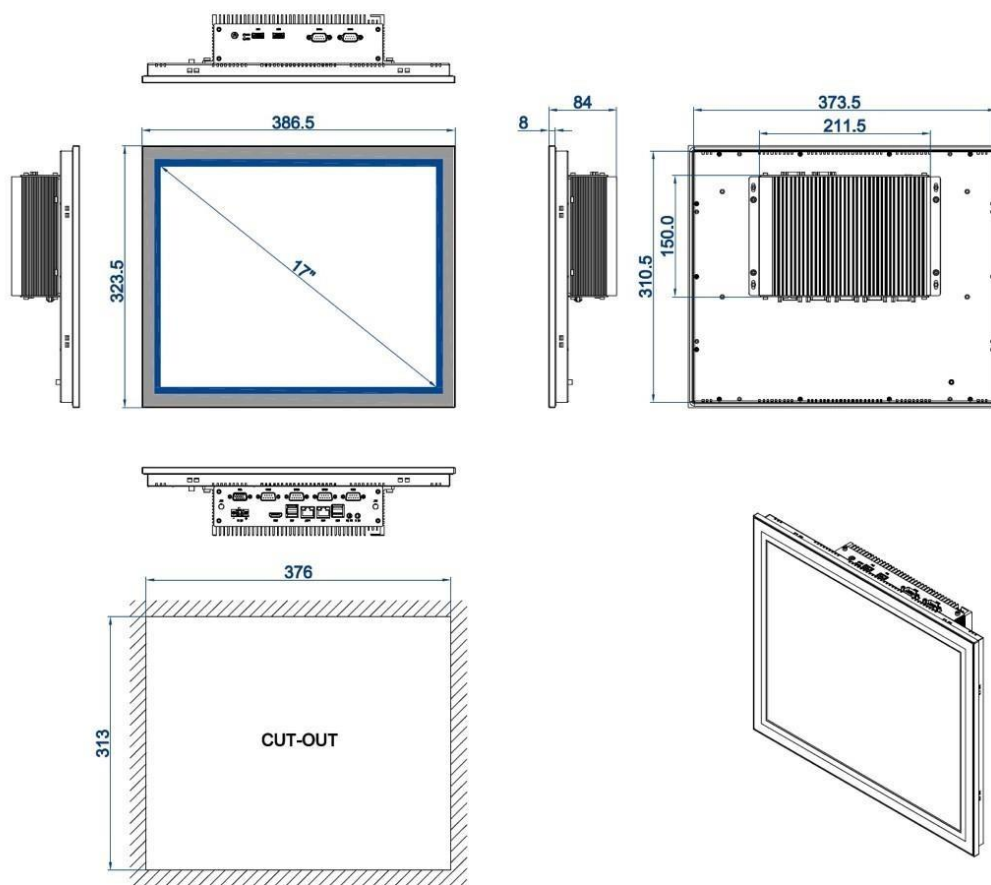
Features

- 17.0" TFT LCD display, LED Backlit, SXGA 1280 * 1024;
- Intel 6th -gen. Skylake -U Core i3/i5/i7, dual-core processor;
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

Hardware & System	BIOS	SPI AMI EEI BIOS		
	CPU	i3-6100U, Dual core	i5-6200U, Dual-core	i7-6500U, Dual-core
		2.3Ghz	2.3Ghz, burst to 2.8Ghz	2.5Ghz, burst to 3.1Ghz
	Memory	SO-DIMM, DDR4, max. up to 16GB		
	Storage	1*mSATA (Optional support 1* 2.5" SATA)		
	Graphic	Intel HD Graphics 520		
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)		
	Audio	On-board Realtek ACL 269 audio controller		
	Expansion	1* Full size Mini-PCle slot		
	Watch dog	0~256 seconds programmable		
IO interface	OS	Win7, Win8, Win embedded, Win10, Linux		
	COM	6x RS232 (Optional support 1x RS485)		
	Ethernet	2x RJ45, 10/100/1000 Mbps		
	Audio	Mic-in/Line-out		
	USB	4x USB3.0, 2x USB2.0		
	Display	1x HDMI, 1x VGA		
LCD Display	Power	1x 2 pins, phenix terminal		
	Size/Type	17.0" TFT LCD		
	Resolution	1280 * 1024 (SXGA)		
	Brightness	250 nits		
	Backlit & MTBF	LED backlit & 30 000hours		
	Display area	337.92 * 270.34		
Touchscreen	View angle	85/85/85/85		
	Type	High temp. 5-wires Resistive touchscreen		
	Response time	<5ms		
	Click life	250g / 35 million times		
	Special treatment	PET film laminated, flat design		
Structure	Touch controller	EETI		
	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment		
	Mount method	Panel mount (Optional support VESA 75/100)		
	Cooling system	Large area finned heat sink		
	Overall dimension	386.5 * 323.5 * 84.0 (mm)		
	Cut-out dimension	376 * 313 (mm)		
	Net weight	5.5 KG		
	IP protection	Front Panel IP65		
Power & Environmental	Operating temp.	0 ~ +50°C		
	Storage temp.	-20 ~ +60°C		
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)		
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak		
	Shock	10G/Peak (11 ms)		
	Power input	DC 12~24V		
	Power consumption	Around 40W		
	EMC	CE/FCC Class A		

DIMENSIONAL DRAWING:TPC-PR170

Dimension



DIMENSIONS IN MILLIMETERS

Ordering info.

Part no.	Description
EAGLE-PR170S1	17.0", 1280 * 1024, Core i3-6100U , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
EAGLE-PR170S2	17.0", 1280 * 1024, Core i5-6200U , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
EAGLE-PR170S3	17.0", 1280 * 1024, Core i7-6500U , Resistive touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1* VGA, Mic-in/Line-out, DC 12~24V
INCLUDED :	Memory: SO-DIM 4GB RAM – 128GB SSD mSATA
OPTIONAL ACCESSORIES :	Memory : SO-DIM 8GB RAM
	mSata SSD : 256GB – 1TB – 2TB
	Wi-Fi module, with Antenna
	Wi-Fi with BT integrated module, with Antenna
	All network 4G/LTE module, With Antenna
	Additional VESA bracket for VESA mounting
	Windows 10 IoT

Packing List

- 1x Standard Product
- 1x 60W PSU (Power Supply)
- 1x Power cable & Plug
- 8x Panel mount metal clips

EAGLE – XXXX

Version: 3.0



Features

- Panel PC touchscreen with display 19" ... 24"
- With Intel 6th -gen. Skylake -U Celeron, Core i3/i5/i7, dual-core processor;
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12~24V, with over-current, over-voltage and polarity protection;
- Available On request

