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- PC1200 Series Panel PC
- PC1300 Series Panel PC

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WARRANTY

Warranty Statements are included with each unit at the time of purchase and are available at www.maplesystems.com.

TECHNICAL SUPPORT

This manual is designed to provide the necessary information for trouble-free installation and operation of your Panel PC. However, if you need assistance, please contact Maple Systems:

• Phone: 425-745-3229

Email: <u>support@maplesystems.com</u>Web: www.maplesystems.com

UNPACKING THE UNIT

Carefully unpack the Panel PC. Check all material in the container against the packing list. Maple Systems will not accept responsibility for shortages against the packing list unless notified within 30 days. The equipment and accessories were inspected and tested by Maple Systems before shipment.

Examine the equipment carefully; if any shipping damage is evident, notify the carrier immediately. Maple Systems is not responsible for claim negotiations with the carrier.

Save the shipping container and packing material in case the equipment needs to be stored, returned to Maple Systems, or transported for any reason.

Packing List	
PC1000 Series Panel PC unit	
Power Cable (for use with existing DC Power Supply)	
M4x5mm VESA Mounting Screws (Set of 4)	
Mounting Clips (Quantity Dependent on PC screen size)	

SAFETY PRECAUTIONS

Please observe the following precautions when installing the PC1000 Series. Failure to comply with these restrictions could result in loss of life, serious personal injury, or equipment damage.



Warning: Disconnect this equipment from any power before cleaning. Do not use liquid or spray detergents for cleaning. Use a damp cloth.



Warning: Keep this equipment away from humidity.



Warning: Before applying power the unit make sure the voltage of the power source is within the input voltage rating of the unit.



Warning: Never open the equipment and do not operate equipment with its heatsink cover removed- there are dangerous high voltages present inside. For safety reasons, the equipment should be opened only by a qualified service technician.

Warning: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.



If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help



Warning: Risk of explosion if the battery is replaced with an incorrect type. Batteries should be recycled where possible. Disposal of used batteries must be in accordance with local environmental regulations.



Warning: Do not leave this equipment in an uncontrolled environment where the storage temperature is below -30°C (-22°F) or above 80°C (175°F). It may damage the equipment.

OVERVIEW OF PC1000 SERIES

PC1000 Series Panel PC units are industrial, heavy duty fanless PCs available in two main categories: PC1200 Series and PC1300 Series. Display sizes range from $10.4 \sim 21.5$ ", with select displays offering a high-brightness (**1000 nits**) option. High brightness displays are ideal for use in environments where there is a larger than normal amount of ambient light, allowing for the user to maintain readability of the PC display.

All PC1000 Panel PCs feature Projected Capacitive Touch Screens, which allow for a more natural, intuitive user touch experience compared to traditional analog-resistive touch screen terminals. All PC1000 units feature dual Gigabit Ethernet Ports, allowing for simultaneous connection to multiple networks. Each PC1000 unit comes with Microsoft Windows® 10 IOT 2019 LTSC 64-bit pre-installed.

PC1000 Series Panel PCs are NEMA4 rated and carry a rugged IP65 certification (when panel mounted). PC1000 Series units can be factory equipped with Wi-Fi, enabling access to existing 802.11 b/g/n wireless networks.

PC1200

The PC1200 Series is powered by the Intel® Pentium™ N4200 1.1GHz quad-core processor. Memory options include 4GB or 8GB of DDR3L RAM. Solid State Drive options include sizes from 32GB to 512GB (Other options may be available; contact Maple Systems for details).

PC1200 Series units have 4 x USB 3.0 ports, 2 x USB 2.0 ports, 1 x HDMI, 1 x Line-out, 1 x Mic-in, and 3 x DE-9P serial ports.



PC1200 Series I/Os (View from Bottom of unit)

PC1300

The PC1300 Series units boast a 7th Generation Intel[®] Kaby Lake Core[™] i-Series Processors (i3-7100U – 2.4GHz, i5-7300U – 2.6GHZ, i7-7600U – 2.8GHz) with up to 32GB of DDR4 RAM. Solid State Drive options include sizes from 64GB to 512GB (Other options may be available; contact Maple Systems for details).

PC1300 Series units have 4 x USB 3.0 ports, 2 x USB 2.0 ports, 1 x HDMI, 1 x DisplayPort, 1 x Line-Out, 1 x Mic-In, and 4 x DE-9P serial ports.



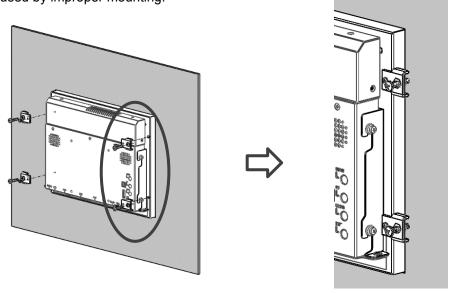
PC1300 Series I/Os (View from Bottom of unit)

PANEL PC MOUNTING OPTIONS

PANEL MOUNTING

PC1000 units can be panel mounted using the mounting holes located on the rear of the unit. Use the included clamps to fasten the unit to the panel, cut out to the proper dimensions on the datasheet corresponding to your display size. Tighten the bolts no more than **5.1 in./lbs.** to ensure an adequate seal. Over torqueing the bolts may possibly negate NEMA or IP65 rating, or cause damage to the unit or panel.

Maple Systems is not responsible for damage to unit, mounting surface or any other components caused by improper mounting.

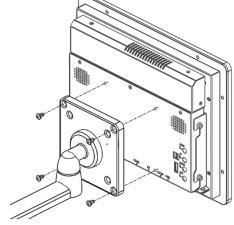


Note: 10.4" Monitor Panel Mounting example shown. Actual Product differs from picture.

VESA MOUNTING

In addition to panel mounting, the PC1000 Series Panel PCs offer VESA 100 mounting as an option. VESA 100 x 100 mm threaded inserts are located on the rear of the unit. Use M4 threaded mounting screws to attach your VESA mounting bracket (not provided by Maple Systems) to the Panel PC.

Your PC comes with M4x5mm mounting screws, but your VESA bracket may require screws of a different length. Use VESA mounting brackets sufficient for the application. Maple Systems is not responsible for damage to unit, mounting surface or any other components caused by improper mounting.



Note: VESA Mounting example shown. Actual Product differs from picture. VESA Mount not provided by Maple Systems.

SPECIFICATIONS - PC1200 SERIES

The following section contains the Specifications and Dimensional Drawings for the PC1200 Series Panel PC Configurations.

PC1200 SERIES SPECIFICATIONS 10.4 ~ 15.6" SCREEN SIZES

	CPU	Intel [®]	[®] Pentium™ Apollo Lake™ I	N4200 Quad-Core [™] 1.1GHz	CPU		
System	System Memory Options	1 x DDR3-L 204-pin SO-DIMM RAM (4, 8 GB)					
	USB			2.0 type A 3.0 type A			
	Serial			9P, COM1 (default RS-232) -9P, COM2/COM3			
I/O Ports	Audio	1 x 3.5 mm Line-out 2 x GbE RJ-45					
I/O Ports	LAN						
	Power		DC power input jack, thumbscrew secured.				
	Power Switch		1 x Momentary Pushb	utton with Integrated LED			
	External Display Connector		1 x H	DMI® 1.4a			
Storage	Solid State Drive Options*		, ,	, 64, 128, 256, 512 GB SSD))		
	SD Card Slot			N/A			
Expansion	Expansion Slot		Optional Wi-Fi kit (V	Vi-Fi card and antenna)			
Touch Screen	Туре		Projected Ca	apacitive Touch			
Touch Screen	Interface			JSB			
	Display Type	10.4"	12.1"	15"	15.6" Widescreen		
		TFT XGA LCD	TFT XGA LCD	TFT XGA LCD	TFT FHD LCD		
	Max. Resolution	1024 x 768	1024 x 768	1024 x 768	1920 x 1080		
Diamlau	Max. Color	16.2 M	16.2 M	16.2 M 300	16.2 M		
Display	Luminance (cd/m²)	350 170/170	450 170/170	170/160	450 170/170		
	View Angle (H°/V°) Contrast Ratio	1000:1	700:1	2000:1	500:1		
	Backlight Lifetime	50,000+	50,000+	50,000+	50,000+		
	(hours) Input Voltage	12~24 VDC	12~24 VDC	12~24 VDC	12~24 VDC		
Electrical	Input Current	0.88~1.75 A	0.94~1.89 A	1.0~2.0 A	1.38~2.75 A		
Liectrical	Input Power	21 W	22.5 W	24 W	33 W		
	Dimension	11.57 x 8.90 x 2.82"	12.48 x 9.65 x 2.82"	13.97 x 11.40 x 2.82"	15.75 x 9.84 x 2.56"		
	(W x H x D)	[294 x 226 x 71.6 mm]	[317 x 245 x 71.6 mm]	[354.9 x 289.5 x 71.6 mm]	[400 x 250 x 65 mm]		
	Net Weight	6.83 lbs [3.1 kg]	7.28 lbs [3.3 kg]	9.70 lbs [4.4 kg]	9.70 lbs [4.4 kg]		
Machaniaal	Panel Cutout	10.63 x 7.95"	11.54 x 8.70"	13.03 x 10.47"	14.57 x 8.90"		
Mechanical	Dimensions (W x H)	[270 x 202 mm]	[293 x 221 mm]	[331 x 266 mm]	[370 x 226 mm]		
	Mounting			g, VESA 100 x 100			
	Construction			s, Aluminum Heatsink			
	Rating	IF	65 compliant front panel,	NEMA 4 when panel mounted	ed		
	Operating Temperature		32~140°	°F [0~60°C]			
Environmental	Storage Temperature		-22~175°	F [-30~80°C]			
	Storage Humidity 10 to 90% @ 40°C, non-condensing						
	Certifications		<u> </u>	Class B / RoHS			
Operating System	Microsoft Windows Options	Microsoft Windows® 10 IoT Enterprise Embedded 2019 LTSC 64-bit (EPKEA) Microsoft Windows® 10 IoT Enterprise 2019 LTSC 64-bit (PKEA)					
- Oystelli	•	ions available; contact Ma		10. p. 100 2010 2100 04 bit (1	,		
Notes	Additional GGD Opt	ions available, contact Maj	pic Gysteinis for details				
	Specifications subject	pecifications subject to change without notice					

PC1200 SERIES SPECIFICATIONS 17" ~ 21.5" SCREEN SIZES

	CPU Intel® Pentium™ Apollo Lake™ N4200 Quad-Core™ 1.1GHz CPU						
System	System Memory Options	1 x DDR3-L 204-pin SO-DIMM RAM (4, 8 GB)					
	USB	2 x USB 2.0 type A 4 x USB 3.0 type A					
	Serial	1 x RS-232/422/485 DE-9P, COM1 (default RS-232) 2 x RS-232 DE-9P, COM2/COM3					
I/O Ports	Audio		1 x 3.5 mm Line-out				
I/O POILS	LAN		2 x GbE RJ-45				
	Power		oower input jack, thumbscrew sec				
	Power Switch	1 x Mo	mentary Pushbutton with Integrat	ed LED			
	External Display Connector		1 x HDMI® 1.4a				
Storage	Solid State Drive Options*	1 x 2.5" SA	ATA 2, MLC (32, 64, 128, 256, 512	2 GB SSD)			
	SD Card Slot		N/A				
Expansion	Expansion Slot	Optio	onal Wi-Fi kit (Wi-Fi card and ante	enna)			
Touch Screen	Туре		Projected Capacitive Touch				
Touch Screen	Interface		USB				
	Display Type	17"	19"	21.5" Widescreen			
	. , ,,	TFT SXGA LCD	TFT SXGA LCD	TFT FHD LCD			
	Max. Resolution	1280 x 1024	1280 x 1024	1920 x 1080			
	Max. Color	16.2 M	16.2 M	16.2 M			
Display	Luminance (cd/m²)	250	350	250			
	View Angle (H°/V°)	160/160	170/160	170/160			
	Contrast Ratio	1000:1	1000:1	3000:1			
	Backlight Lifetime (hours)	50,000+	30,000+	50,000+			
	Input Voltage	12~24 VDC	12~24 VDC	12~24 VDC			
Electrical	Input Current	1.15~2.29 A	1.19~2.38 A	1.46~2.92 A			
	Input Power	27.5 W	28.5 W	35 W			
	Dimension (W x H x D)	15.23 x 13.09 x 2.82" [386.9 x 332.5 x 71.6 mm]	17.44 x 14.49 x 2.65" [443 x 368 x 67.3 mm]	20.63 x 13.00 x 2.82" [524 x 330.2 x 71.6 mm]			
	Net Weight	10.58 lbs [4.8 kg]	15.65 lbs [7.1 kg]	15.87 lbs [7.2 kg]			
Mechanical	Panel Cutout	14.29 x 12.17"	16.69 x 13.82"	19.69 x 12.09"			
Mechanical	Dimensions (W x H)	[363 x 309 mm]	[424 x 351 mm]	[500 x 307 mm]			
	Mounting		Panel mounting, VESA 100 x 100				
	Construction		ck Steel Chassis, Aluminum Heat				
	Rating	IP65 compli	ant front panel, NEMA 4 when pa	nel mounted			
	Operating Temperature		32~140°F [0~60°C]				
Environmental	Storage Temperature	-22~175°F [-30~80°C]					
	Storage Humidity						
	Certifications		CE / FCC Class B / RoHS				
Operating System	Microsoft Windows Options		0 IoT Enterprise Embedded 2019 ows [©] 10 IoT Enterprise 2019 LTS				
- Cyotom							
Notes	·	ditional SSD options available; contact Maple Systems for details ifications subject to change without notice					

PC1200 SERIES SPECIFICATIONS HIGH BRIGHTNESS 10.4~ 15" SCREEN SIZES

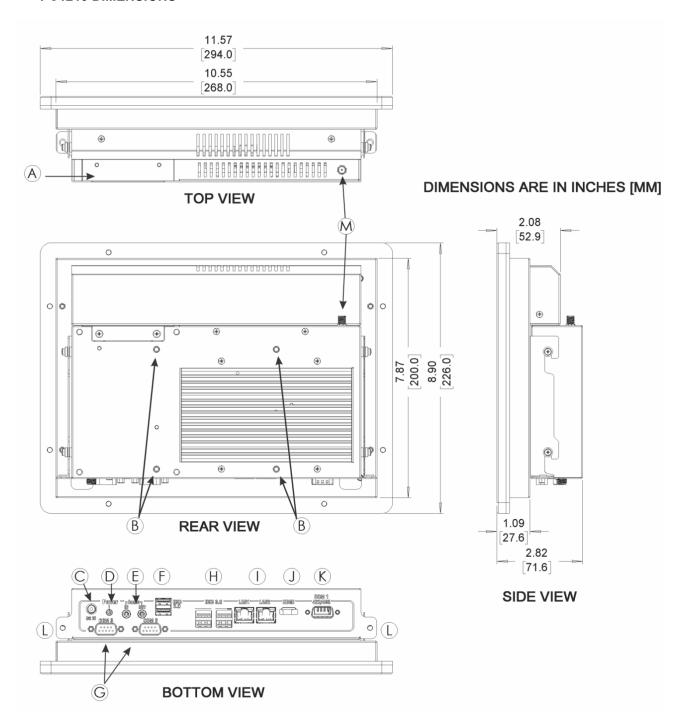
	CPU	Intel® Pentium™	Apollo Lake™ N4200 Quad-Cor	e™ 1.1GHz CPU			
System	System Memory Options	1 x DDR3-L 204-pin SO-DIMM RAM (4, 8 GB)					
	USB		2 x USB 2.0 type A				
		1 x RS-23	4 x USB 3.0 type A 2/422/485 DE-9P. COM1 (defau	ılt RS-232)			
	Serial		2 x RS-232 DE-9P, COM2/COM				
I/O Ports	Audio	1 x 3.5 mm Line-out					
1/01 0113	LAN	2 x GbE RJ-45					
	Power		ower input jack, thumbscrew se				
	Power Switch	1 x Mon	nentary Pushbutton with Integra	ited LED			
	External Display Connector		1 x HDMI® 1.4a				
04	Solid State Drive Options*	1 x 2.5" SA	TA 2, MLC (32, 64, 128, 256, 51	I2 GB SSD)			
Storage	SD Card Slot		N/A	,			
Expansion	Expansion Slot	Optio	nal Wi-Fi kit (Wi-Fi card and an	tenna)			
	Туре		Projected Capacitive Touch	,			
Touch Screen	Interface		USB				
	Display Type	10.4"	12.1"	15" TFT XGA LCD			
	. , ,,		TFT XGA LCD TFT XGA LCD				
	Max. Resolution	1024 x 768	1024 x 768	1024 x 768			
Display	Max. Color	16.2 M	16.2 M	16.2 M			
Diopiay	Luminance (cd/m²)	1000	1000	1000			
	View Angle (H°/V°)	170/170	170/170	170/160			
	Contrast Ratio	1000:1	700:1	2000:1			
	Backlight Lifetime (hours)	30,000+	30,000+	30,000+			
	Input Voltage	12~24 VDC	12~24 VDC	12~24 VDC			
Electrical	Input Current	1.06~2.08 A	1.08~2.17 A	1.33~2.67 A			
	Input Power	25.5 W	26 W	32 W			
	Dimension	11.57 x 8.90 x 2.82"	12.48 x 9.65 x 2.82"	13.97 x 11.40 x 2.82"			
	(W x H x D)	[294 x 226 x 71.6 mm]	[317 x 245 x 71.6 mm]	[354.9 x 289.5 x 71.6 mm]			
	Net Weight	6.83 lbs [3.1 kg]	9.70 lbs [4.4 kg]	9.70 lbs [4.4 kg]			
Mechanical	Panel Cutout Dimensions (W x H)	10.63 x 7.95" [270 x 202 mm]	11.54 x 8.70" [293 x 221 mm]	13.03 x 10.47" [331 x 266 mm]			
	Mounting		Panel mounting, VESA 100 x 10				
	Construction		k Steel Chassis, Aluminum Hea				
	Rating		int front panel, NEMA 4 when pa				
	Operating	п оо сотгрна		arier mounted			
	Temperature		32~140°F [0~60°C]				
Environmental	Storage Temperature		-22~175°F [-30~80°C]				
	Storage Humidity	10 to 90% @ 40°C, non-condensing					
	Certifications	CE / FCC Class B / RoHS					
Operating	Microsoft Windows	Microsoft Windows® 10 IoT Enterprise Embedded 2019 LTSC 64-bit (EPKEA)					
System	Options	Microsoft Windows® 10 IoT Enterprise Embedded 2019 LTSC 64-bit (EPKEA)					
- Cyotom	·	vailable; contact Maple Systems for details					
		available, contact maple systems for details					
Notes		specifications subject to change without notice					
	Specifications subject to ch						
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PC1200 SERIES SPECIFICATIONS HIGH BRIGHTNESS 17~ 21.5" SCREEN SIZES

	CPU	Intel® Pentium™ Apollo Lake™ N4200 Quad-Core™ 1.1GHz CPU				
System	System Memory Options	1 x DDR3-L 204-pin SC	D-DIMM RAM (4, 8 GB)			
	USB	2 x USB 2 4 x USB 3				
	Serial	1 x RS-232/422/485 DE-9F 2 x RS-232 DE-9F	P, COM1 (default RS-232) P, COM2/COM3			
I/O Ports	Audio		n Line-out			
I/O POILS	LAN		E RJ-45			
	Power	DC power input jack, thumbscrew secured.				
	Power Switch	1 x Momentary Pushbut	ton with Integrated LED			
	External Display Connector	1 x HDN				
Storage	Solid State Drive Options*	1 x 2.5" SATA 2, MLC (32,				
	SD Card Slot	N.				
Expansion	Expansion Slot	Optional Wi-Fi kit (Wi				
Touch Screen	Туре	Projected Car				
	Interface		SB			
	Display Type	17" TFT SXGA LCD	21.5" Widescreen TFT FHD LCD			
	Max. Resolution	1280 x 1024	1920 x 1080			
Display	Max. Color	16.2 M	16.2 M			
Display	Luminance (cd/m²)	1000	1000			
	View Angle (H°/V°)	160/160	170/160			
	Contrast Ratio	1000:1	3000:1			
	Backlight Lifetime (hours)	30,000+	30,000+			
Florenical	Input Voltage	12~24 VDC	12~24 VDC			
Electrical	Input Current	1.54~3.08 A 37 W	2.17~4.33 A 52 W			
	Input Power Dimension	15.23 x 13.09 x 2.82"	20.63 x 13.00 x 2.82"			
	(W x H x D)	[386.9 x 332.5 x 71.6 mm]	[524 x 330.2 x 71.6 mm]			
	Net Weight	10.58 lbs [4.8 kg]	15.87 lbs [7.2 kg]			
	Panel Cutout	14.29 x 12.17"	19.69 x 12.09"			
Mechanical	Dimensions (W x H)	[363 x 309 mm]	[500 x 307 mm]			
	Mounting	Panel mounting,	VESA 100 x 100			
	Construction		, Aluminum Heatsink			
	Rating	IP65 compliant front panel, N	IEMA 4 when panel mounted			
	Operating Temperature	32~140°F	[0~60°C]			
Environmental	Storage Temperature	-22~175°F	[-30~80°C]			
	Storage Humidity	10 to 90% @ 40°C	C, non-condensing			
	Certifications	CE / FCC Class B / RoHS				
Operating System	Microsoft Windows Options	Microsoft Windows® 10 IoT Enterprise Embedded 2019 LTSC 64-bit (EPKEA) Microsoft Windows® 10 IoT Enterprise 2019 LTSC 64-bit (PKEA)				
	* Additional SSD options av	ns available; contact Maple Systems for details				
	· ·					
Notes						
	Specifications subject to ch	ange without notice				
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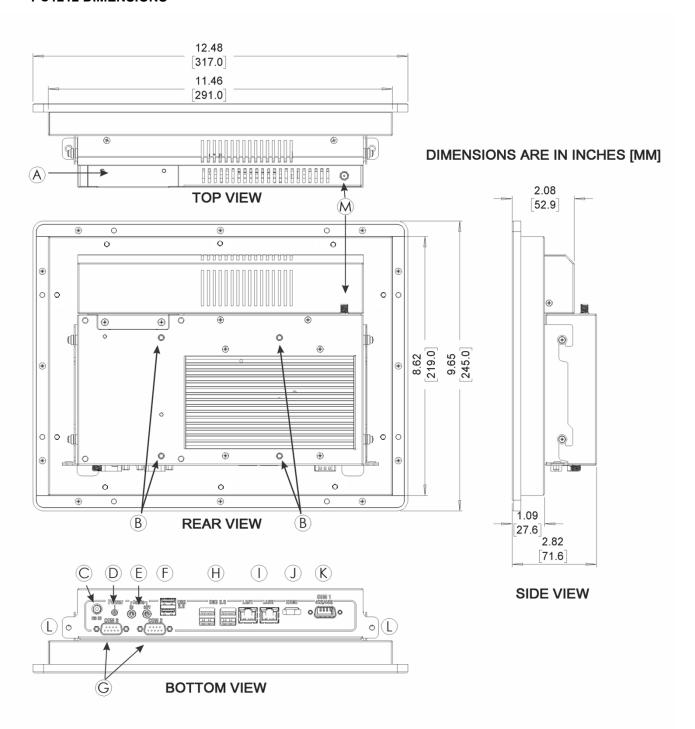
DIMENSIONAL OUTLINES - PC1200 SERIES

PC1210 DIMENSIONS



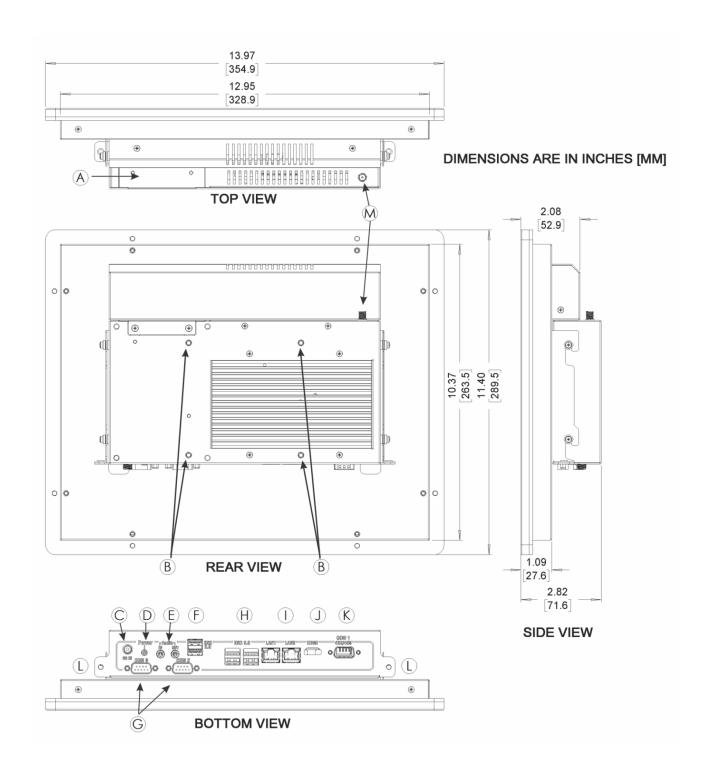
- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G COM Ports DE9P (RS232)
- H USB 3.0 Host Ports
- I Gigabit Ethernet Ports
- J HDMI® Output
- K COM Port DE9P (RS232/RS422/RS485 Configurable)
- L Thumb-Screw Mounting
- M Wi-Fi Antenna Connector
 - (Nonfunctional unless Wi-Fi Option Purchased)

PC1212 DIMENSIONS



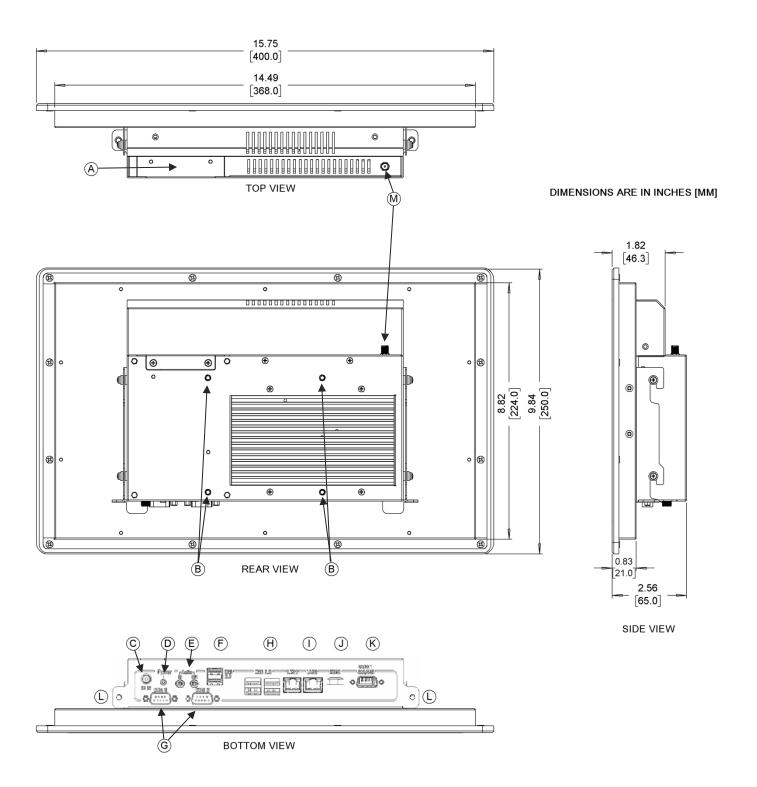
- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G COM Ports DE9P (RS232)
- H USB 3.0 Host Ports
- I Gigabit Ethernet PortsJ HDMI® Output
- K COM Port DE9P (RS232/RS422/RS485 Configurable)
- L Thumb-Screw Mounting
- M Wi-Fi Antenna Connector

PC1215 DIMENSIONS



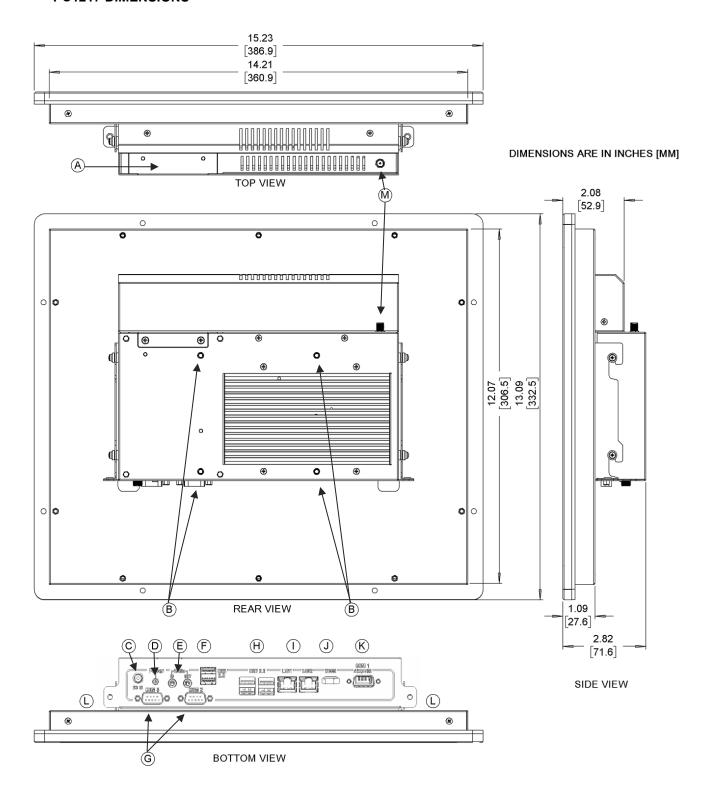
- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G COM Ports DE9P (RS232)
- H USB 3.0 Host Ports
- I Gigabit Ethernet Ports
- J HDMI® Output
- K COM Port DE9P (RS232/RS422/RS485 Configurable)
- L Thumb-Screw Mounting
- M Wi-Fi Antenna Connector

PC1216 DIMENSIONS



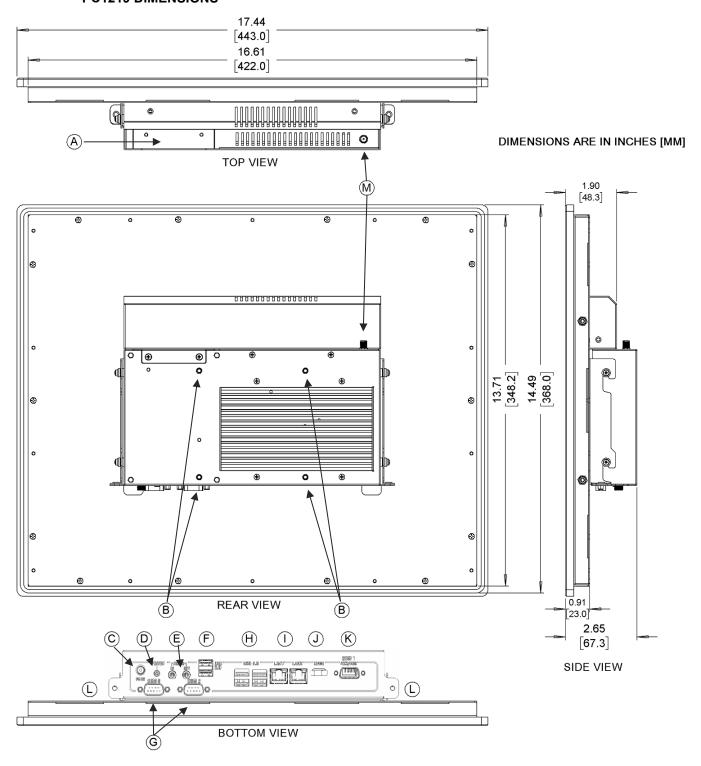
- A Solid State Drive Bay
- **B** VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G COM Ports DE9P (RS232)
- H USB 3.0 Host Ports
- I Gigabit Ethernet Ports
- J HDMI® Output
- K COM Port DE9P (RS232/RS422/RS485 Configurable)
- L Thumb-Screw Mounting
- M Wi-Fi Antenna Connector

PC1217 DIMENSIONS



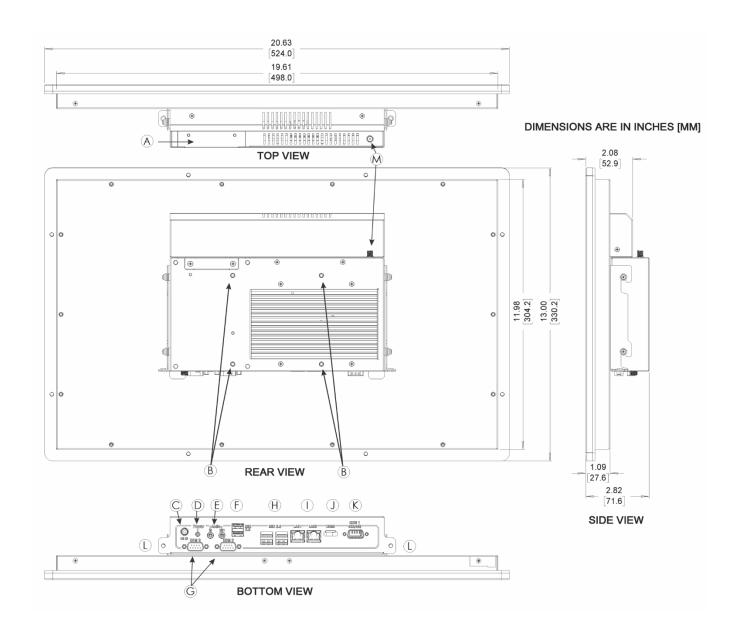
- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G COM Ports DE9P (RS232)
- H USB 3.0 Host Ports
- I Gigabit Ethernet Ports
- J HDMI® Output
- K COM Port DE9P (RS232/RS422/RS485 Configurable)
- L Thumb-Screw Mounting
- M Wi-Fi Antenna Connector

PC1219 DIMENSIONS



- A Solid State Drive Bay
- **B** VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G COM Ports DE9P (RS232)
- H USB 3.0 Host Ports
- I Gigabit Ethernet Ports
- J HDMI® Output
- K COM Port DE9P (RS232/RS422/RS485 Configurable)
- L Thumb-Screw Mounting
- M Wi-Fi Antenna Connector
 - (Nonfunctional unless Wi-Fi Option Purchased)

PC1221 DIMENSIONS



- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G COM Ports DE9P (RS232)
- H USB 3.0 Host Ports
- I Gigabit Ethernet PortsJ HDMI[®] Output
- K COM Port DE9P (RS232/RS422/RS485 Configurable)
- L Thumb-Screw Mounting
- M Wi-Fi Antenna Connector

SPECIFICATIONS - PC1300 SERIES

The following section contains the Specifications and Dimensional Drawings for the PC1300 Series Panel PC Configurations.

PC1300 SERIES SPECIFICATIONS 10.4 ~ 15.6" SCREEN SIZES

System	CPU	Int	i3-7100U @ 2.4GHz Intel® 7 th Generation Dual Core™: i5-7300U @ 2.6GHz i7-7600U @ 2.8GHz				
	System Memory Options	2 x DDR4 260-pin SO-DIMM Non-ECC RAM (4, 8, 16, 32 GB)					
	USB			3 2.0 type A 3 3.0 type A			
	Serial		1 x RS-232/422/485 DE-9P, COM1 (default RS-232) 3 x RS-232 DE-9P, COM2/COM3/COM4				
I/O Ports	Audio		1 x 3.5	mm Line-out mm Mic-in			
1/01 0113	LAN			bE RJ-45			
	Power		DC power input jac	k, thumbscrew secured.			
	Power Switch		1 x Momentary Pushb	outton with Integrated LED			
	External Display Connector			playPort 1.2 DMI® 1.4a			
Storage	Solid State Drive Options*			64, 128, 256, 512 GB SSD)			
	SD Card Slot			N/A			
Expansion	Expansion Slot		Optional Wi-Fi kit (\	Ni-Fi card and antenna)			
Touch Screen	Туре		Projected C	apacitive Touch			
Touch Screen	Interface			USB			
	Display Type	10.4" TFT XGA LCD	12.1" TFT XGA LCD	15" TFT XGA LCD	15.6" Widescreen TFT FHD LCD		
	Max. Resolution	1024 X 768	1024 X 768	1024 x 768	1920 x 1080		
	Max. Color	16.2 M	16.2 M	16.2 M	16.2 M		
Display	Luminance (cd/m²)	350	450	300	450		
	View Angle (H°/V°)	170/170	170/170	170/160	170/170		
	Contrast Ratio	1000:1	700:1	2000:1	500:1		
	Backlight Lifetime (Hours)	50,000+	50,000+	50,000+	50,000+		
	Input Voltage	9~24 VDC	9~24 VDC	9~24 VDC	9~24 VDC		
Electrical	Input Current	1.66~4.44 A	1.71~4.56 A	1.79~ 4.78 A	1.63~4.33 A		
	Input Power	40W	41 W	43 W	39 W		
	Dimension	11.57 x 8.90 x 3.62"	12.48 x 9.65 x 3.62"	13.97 x 11.40 x 3.62"	15.75 x 9.84 x 3.36"		
	(W x H x D)	[294 x 226 x 92 mm]	[317 x 245 x 92 mm]	[354.9 x 289.5 x 92 mm]	[400 x 250 x 85.4 mm]		
	Net Weight	8.38 lbs [3.8 kg]	9.04 lbs [4.1 kg]	11.46 lbs [5.2 kg]	11.46 lbs [5.2 kg]		
Mechanical	Panel Cutout Dimensions (W x H)	10.63 x 7.95" [270 x 202 mm]	11.54 x 8.70" [293 x 221 mm]	13.03 x 10.47" [331 x 266 mm]	14.57 x 8.90" [370 x 226 mm]		
	Mounting	[270 X 202 Hilli]	<u> </u>	g, VESA 100 x 100	[070 X 220 mm]		
	Construction			sis, Aluminum Heatsink			
	Rating			NEMA 4 when panel mount	red		
	Operating Temperature			°F [0~60°C]			
Environmental	Storage Temperature		-22~175°	°F [-30~80°C]			
	Storage Humidity		10 to 90% @ 40	0°C, non-condensing			
	Certifications			Class B / RoHS			
Operating System	Microsoft Windows Options	Microsoft Windows® 10 IoT Enterprise Embedded 2019 LTSC 64-bit (EPKEA) Microsoft Windows® 10 IoT Enterprise 2019 LTSC 64-bit (PKEA)					
		ns available; contact Map	le Systems for details				
Notes	•	ons available; contact Maple Systems for details t to change without notice.					

PC1300 SERIES SPECIFICATIONS 17 ~ 21.5" SCREEN SIZES

System	CPU	Intel® 7 th Gene	eration Dual Core™ : i5-7300	IU @ 2.4GHz IU @ 2.6GHz IU @ 2.8GHz		
	System Memory Options	2 x DDR4 260	2 x DDR4 260-pin SO-DIMM Non-ECC RAM (4, 8, 16, 32 GB)			
	USB	2 x USB 2.0 type A 4 x USB 3.0 type A				
	Serial		2/422/485 DE-9P, COM1 (defair RS-232 DE-9P, COM2/COM3/C			
I/O Ports	Audio	1 x 3.5 mm Line-out 1 x 3.5 mm Mic-in				
	LAN		2 x GbE RJ-45			
	Power		ower input jack, thumbscrew se			
	Power Switch	1 x Moi	mentary Pushbutton with Integra	ated LED		
	External Display Connector		1 x DisplayPort 1.2 1 x HDMI® 1.4a			
Storage	Solid State Drive Options*	1 x 2.5" S	SATA 2, MLC (64, 128, 256, 512	? GB SSD)		
3.7.	SD Card Slot		N/A			
Expansion	Expansion Slot	Optio	onal Wi-Fi kit (Wi-Fi card and an	tenna)		
Touch Screen	Type	-	Projected Capacitive Touch			
Touch Screen	Interface		USB			
	Display Type	17" TFT SXGA LCD	19" TFT SXGA LCD	21.5" Widescreen TFT FHD LCD		
	Max. Resolution	1280 x 1024	1280 x 1024	1920 x 1080		
	Max. Color	16.2 M	16.2 M	16.2 M		
Display	Luminance (cd/m²)	250	350	250		
	View Angle (H°/V°)	160/160	170/160	170/160		
	Contrast Ratio	1000:1	1000:1	3000:1		
	Backlight Lifetime (Hours)	50,000+	30,000+	50,000+		
	Input Voltage	9~24 VDC	9~24 VDC	9~24 VDC		
Electrical	Input Current	1.92~5.11 A	1.98~5.28 A	2.13~ 5.67 A		
	Input Power	46 W	47.5 W	51 W		
	Dimension	15.23 x 13.09 x 3.62"	17.44 x 14.49 x 3.44"	20.63 x 13.00 x 3.62"		
	(W x H x D)	[386.9 x 332.5 x 92 mm]	[443 x 368 x 87.4 mm]	[524 x 330.2 x 92 mm]		
	Net Weight	13.67 lbs [6.2 kg]	18.52 lbs [8.4 kg]	18.74 lbs [8.5 kg]		
Mechanical	Panel Cutout Dimensions (W x H)	14.29 x 12.17" [363 x 309 mm]	16.69 x 13.82" [424 x 351 mm]	19.69 x 12.09" [500 x 307 mm]		
	Mounting		Panel mounting, VESA 100 x 10			
	Construction		ck Steel Chassis. Aluminum He			
	Rating		ant front panel, NEMA 4 when p			
	Operating	ii oo oompiii	32~140°F [0~60°C]	and mounted		
Environmental	Temperature Storage	-22~175°F [-30~80°C]				
	Temperature		0 to 00% @ 40°C non condens	ing		
	Storage Humidity Certifications	- [0 to 90% @ 40°C, non-condens CE / FCC Class B / RoHS	illig		
Operating	Microsoft Windows	Microsoft Windows [©] 1		9 LTSC 64-bit (EPKEA)		
System	Options	Microsoft Windows® 10 IoT Enterprise Embedded 2019 LTSC 64-bit (EPKEA) Microsoft Windows® 10 IoT Enterprise 2019 LTSC 64-bit (PKEA)				
Notes	·	O options available; contact Maple Systems for details ubject to change without notice.				

PC1300 SERIES SPECIFICATIONS HIGH BRIGHTNESS 10.4 ~ 15" SCREEN SIZES

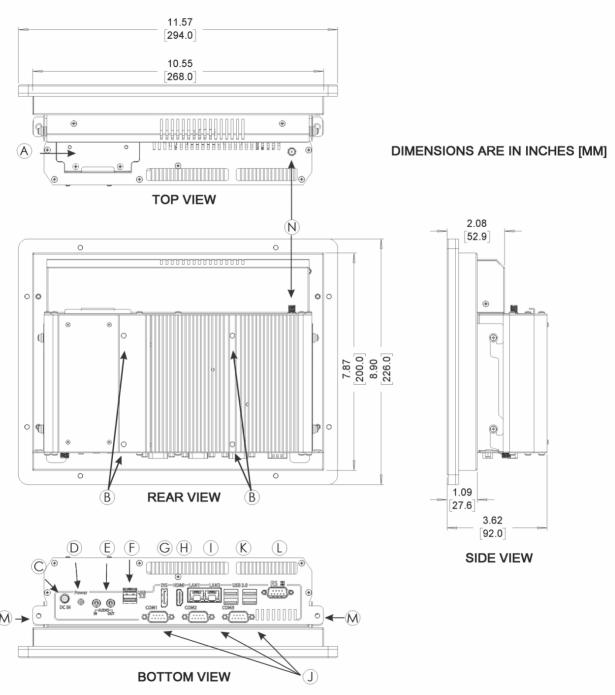
			i2 7100	U @ 2.4GHz			
	CPU	Intel® 7th Gener	ation Dual Core™ : i5-7300	U @ 2.4GHz			
System	0.0	micro / Conci		i7-7600U @ 2.8GHz			
5,5.6	System Memory	2 v DDD4 200 =	2 x DDR4 260-pin SO-DIMM Non-ECC RAM (4, 8, 16, 32 GB)				
	Options	2 X DDR4 260-p	·	4, 8, 16, 32 GB)			
	USB		2 x USB 2.0 type A				
		. 50.000	4 x USB 3.0 type A	W 70.000)			
	Serial		/422/485 DE-9P, COM1 (defau S-232 DE-9P, COM2/COM3/C				
		3 X K	1 x 3.5 mm Line-out	Olvi4			
I/O Ports	Audio		1 x 3.5 mm Mic-in				
1/01 0113	LAN						
	Power	DC po	wer input jack, thumbscrew se	cured.			
	Power Switch	1 x Mom	entary Pushbutton with Integra	ted LED			
	External Display		1 x DisplayPort 1.2				
	Connector		1 x HDMI® 1.4a				
	Solid State Drive	1 x 2 5" SA	ATA 2, MLC (64, 128, 256, 512	GB SSD)			
Storage	Options*	1 / 2.0 - 6/	· · · · · · · · · · · · · · · · · · ·	02 002)			
	SD Card Slot		N/A				
Expansion	Expansion Slot	Option	al Wi-Fi kit (Wi-Fi card and ant	enna)			
Touch Screen	Туре		Projected Capacitive Touch				
	Interface	12.11	USB	4=11			
	Display Type	10.4" TFT XGA LCD	12.1" TFT XGA LCD	15" TFT XGA LCD			
	Max. Resolution	1024 X 768	1024 X 768	1024 x 768			
Display	Max. Color	16.2 M	16.2 M	16.2 M			
	Luminance (cd/m²)	1000	1000	1000			
Display	View Angle (H°/V°)	170/170	170/170	170/160			
	Contrast Ratio	1000:1	700:1	2000:1			
	Backlight Lifetime	1000.1	700.1	2000.1			
	(Hours)	30,000+	30,000+	30,000+			
	Input Voltage	9~24 VDC	9~24 VDC	9~24 VDC			
Electrical	Input Current	1.83~4.9 A	1.85~4.94 A	2.08~5.56 A			
	Input Power	44 W	44.5 W	50 W			
	Dimension	11.57 x 8.90 x 3.62"	12.48 x 9.65 x 3.62"	13.97 x 11.40 x 3.62"			
	(W x H x D)	[294 x 226 x 92 mm]	[317 x 245 x 92 mm]	[354.9 x 289.5 x 92 mm]			
	Net Weight	8.38 lbs [3.8 kg]	9.04 lbs [4.1 kg]	11.46 lbs [5.2 kg]			
Mechanical	Panel Cutout	10.63 x 7.95"	11.54 x 8.70"	13.03 x 10.47"			
Mechanical	Dimensions (W x H)	[270 x 202 mm]	[293 x 221 mm]	[331 x 266 mm]			
	Mounting		anel mounting, VESA 100 x 10				
	Construction		Steel Chassis, Aluminum Hea				
	Rating	IP65 compliar	nt front panel, NEMA 4 when pa	anel mounted			
	Operating		32~140°F [0~60°C]				
	Temperature						
Environmental	Storage Temperature		-22~175°F [-30~80°C]				
	•	10	to 90% @ 40°C, non-condensi	ng			
	Storage Humidity Certifications	10	CE / FCC Class B / RoHS	ng -			
Operating	Microsoft Windows	Microsoft Windows® 10		DITSC 64-bit (EDKEA)			
System	Options	Microsoft Windows® 10 IoT Enterprise Embedded 2019 LTSC 64-bit (EPKEA) Microsoft Windows® 10 IoT Enterprise 2019 LTSC 64-bit (PKEA)					
Oyotom		vailable; contact Maple Systems	•				
		.aasio, contact maple cyclems					
Notes							
	Specifications subject to ch	nange without notice.					

PC1300 SERIES SPECIFICATIONS HIGH BRIGHTNESS 17~ 21.5" SCREEN SIZES

System	CPU	Intel® 7 th Generation Dual Core	i3-7100U @ 2.4GHz 5™ : i5-7300U @ 2.6GHz i7-7600U @ 2.8GHz	
Gystein	System Memory Options	2 x DDR4 260-pin SO-DIMM N		
	USB	2 x USB 2 4 x USB 3		
	Serial	1 x RS-232/422/485 DE-9F 3 x RS-232 DE-9P, (P, COM1 (default RS-232)	
I/O Ports	Audio	1 x 3.5 mr		
I/O POITS	LAN	2 x GbE		
	Power	DC power input jack,	thumbscrew secured.	
	Power Switch	1 x Momentary Pushbut		
	External Display	1 x Displa		
	Connector	1 x HDN	∕ÍI® 1.4a	
Storage	Solid State Drive Options*	1 x 2.5" SATA 2, MLC (64	, 128, 256, 512 GB SSD)	
	SD Card Slot	N/	'A	
Expansion	Expansion Slot	Optional Wi-Fi kit (Wi-	, , , , , , , , , , , , , , , , , , ,	
Touch Screen	Type	Projected Cap	pacitive Touch	
Touch ocheen	Interface	US		
	Display Type	17" TFT SXGA LCD	21.5" Widescreen TFT FHD LCD	
	Max. Resolution	1280 x 1024	1920 x 1080	
Display	Max. Color	16.2 M	16.2 M	
	Luminance (cd/m²)	1000	1000	
	View Angle (H°/V°)	160/160	170/160	
	Contrast Ratio	1000:1	3000:1	
	Backlight Lifetime (Hours)	30,000+	30,000+	
	Input Voltage	9~24 VDC	9~24 VDC	
Electrical	Input Current	2.29~6.11 A	2.94~7.83 A	
	Input Power	55 W	70.5 W	
	Dimension	15.23 x 13.09 x 3.62"	20.63 x 13.00 x 3.62"	
	(W x H x D)	[386.9 x 332.5 x 92 mm]	[524 x 330.2 x 92 mm]	
	Net Weight	13.67 lbs [6.2 kg]	18.74 lbs [8.5 kg]	
Mechanical	Panel Cutout	14.29 x 12.17"	19.69 x 12.09"	
moonamoar	Dimensions (W x H)	[363 x 309 mm]	[500 x 307 mm]	
	Mounting	Panel mounting,		
	Construction	Black Steel Chassis,		
	Rating	IP65 compliant front panel, N	IEMA 4 wnen panei mounted	
	Operating Temperature	32~140°F	[0~60°C]	
Environmental	Storage Temperature	-22~175°F	[-30~80°C]	
	Storage Humidity	10 to 90% @ 40°C	C, non-condensing	
	Certifications	CE / FCC Cla	ass B / RoHS	
Operating System	Microsoft Windows Options	Microsoft Windows® 10 IoT Enterprise Embedded 2019 LTSC 64-bit (EPKEA) Microsoft Windows® 10 IoT Enterprise 2019 LTSC 64-bit (PKEA)		
	•	ailable; contact Maple Systems for details	,	
Notes	Specifications subject to change without notice.			

DIMENSIONAL OUTLINES - PC1300 SERIES

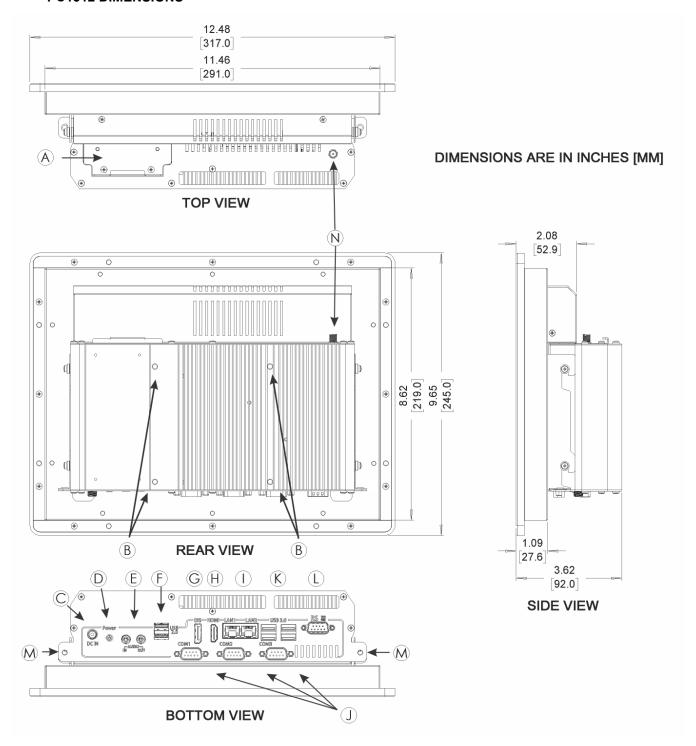
PC1310 DIMENSIONS



- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- C DC Input Power Connector
- D Illuminated Power ButtonE 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G DisplayPort Output

- H HDMI® Output
- I Gigabit Ethernet Ports
- J COM Ports DE9P (RS232)
- K USB 3.0 Host Ports
- L COM Port DE9P (RS232/RS422/RS485 Configurable)
- M Thumb-Screw Mounting
- N Wi-Fi Antenna Connector
 - (Nonfunctional unless Wi-Fi Option Purchased)

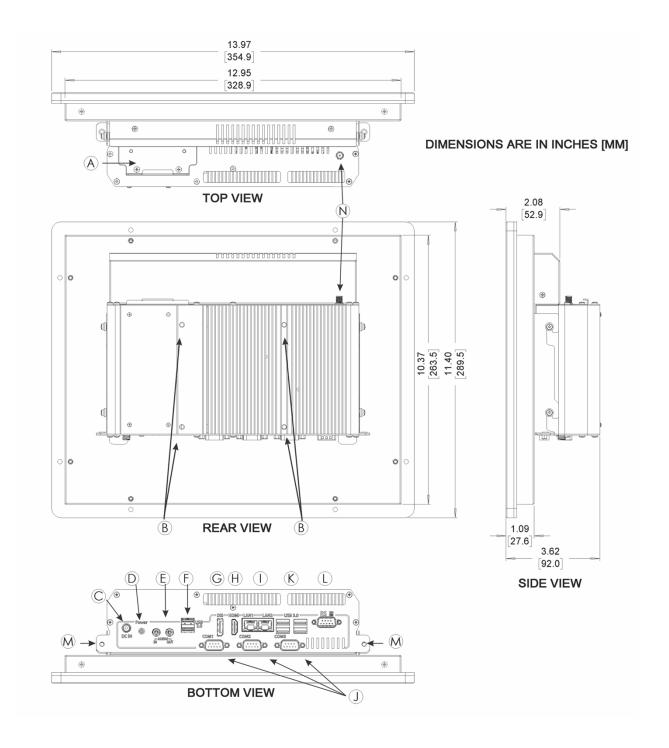
PC1312 DIMENSIONS



- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G DisplayPort Output

- H HDMI® Output
- I Gigabit Ethernet Ports
- J COM Ports DE9P (RS232)
- K USB 3.0 Host Ports
- L COM Port DE9P (RS232/RS422/RS485 Configurable)
- M Thumb-Screw Mounting
- N Wi-Fi Antenna Connector

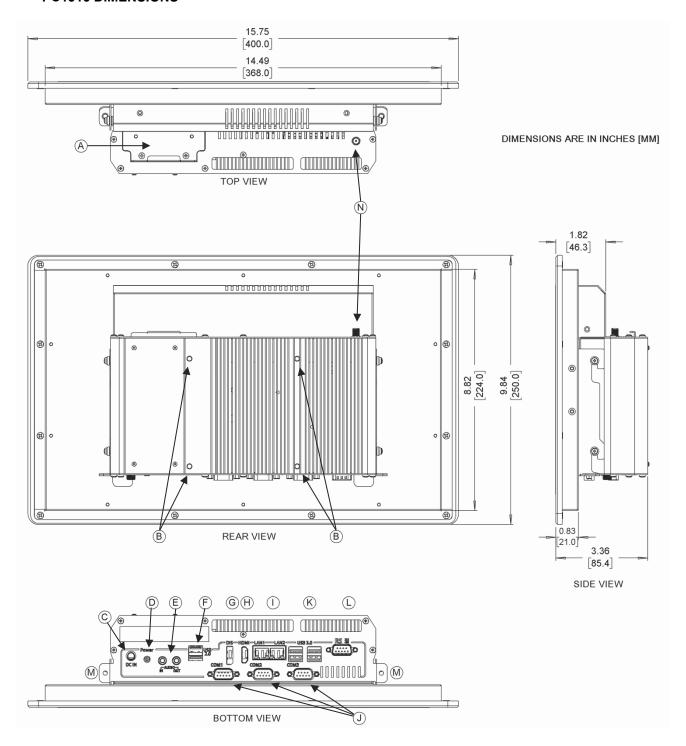
PC1315 DIMENSIONS



- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- **E** 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G DisplayPort Output

- H HDMI® Output
- I Gigabit Ethernet Ports
- J COM Ports DE9P (RS232)
- K USB 3.0 Host Ports
- L COM Port DE9P (RS232/RS422/RS485 Configurable)
- M Thumb-Screw Mounting
- N Wi-Fi Antenna Connector

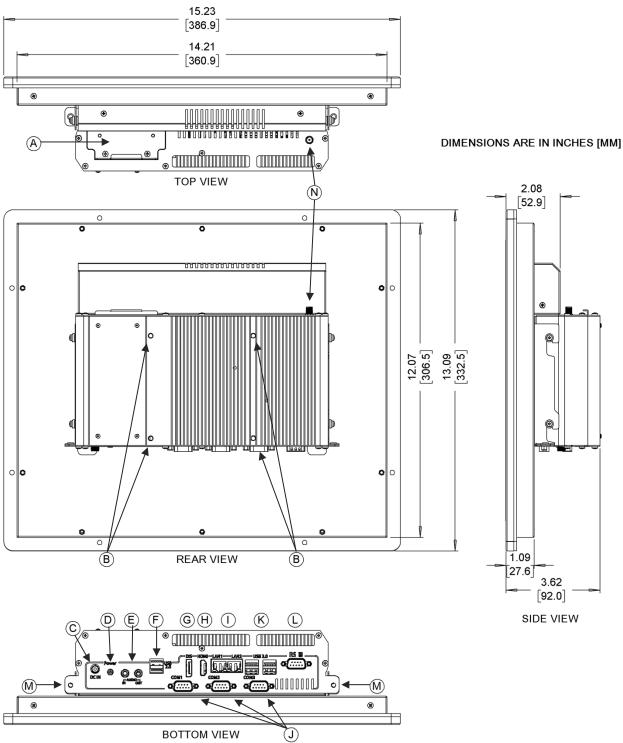
PC1316 DIMENSIONS



- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- **E** 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G DisplayPort Output

- H HDMI® Output
- I Gigabit Ethernet Ports
- J COM Ports DE9P (RS232)
- K USB 3.0 Host Ports
- L COM Port DE9P (RS232/RS422/RS485 Configurable)
- M Thumb-Screw Mounting
- N Wi-Fi Antenna Connector

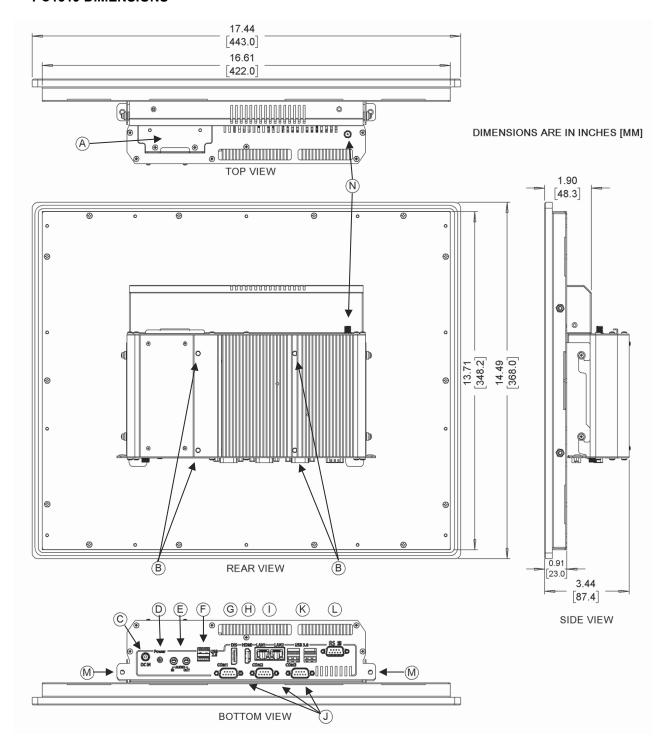
PC1317 DIMENSIONS



- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- C DC Input Power Connector
- **D** Illuminated Power Button
- E 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G DisplayPort Output

- H HDMI® Output
- I Gigabit Ethernet Ports
- J COM Ports DE9P (RS232)
- K USB 3.0 Host Ports
- L COM Port DE9P (RS232/RS422/RS485 Configurable)
- M Thumb-Screw Mounting
- N Wi-Fi Antenna Connector

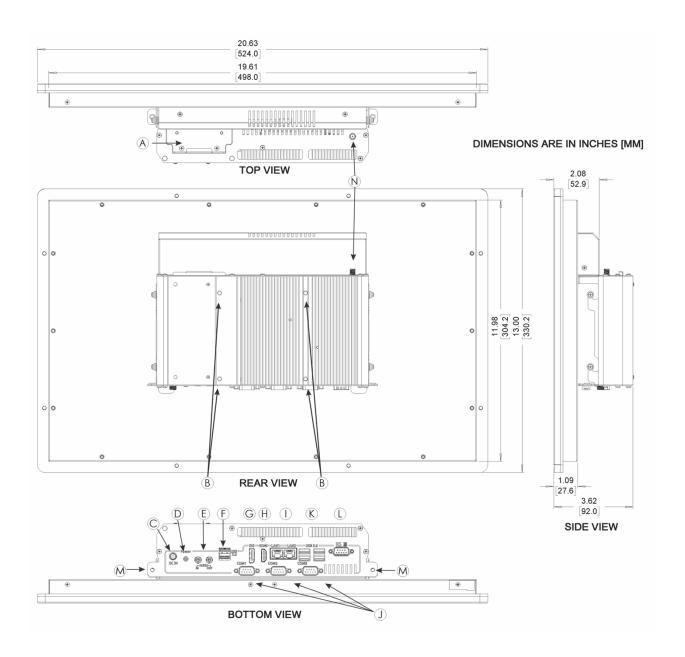
PC1319 DIMENSIONS



- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- **D** Illuminated Power Button
- **E** 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G DisplayPort Output

- H HDMI® Output
- I Gigabit Ethernet Ports
- J COM Ports DE9P (RS232)
- K USB 3.0 Host Ports
- L COM Port DE9P (RS232/RS422/RS485 Configurable)
- M Thumb-Screw Mounting
- N Wi-Fi Antenna Connector

PC1321 DIMENSIONS



- A Solid State Drive Bay
- B VESA 100 x 100 mounting
- **C** DC Input Power Connector
- D Illuminated Power ButtonE 3.5mm Audio Ports (Mic-In / Line Out)
- F USB 2.0 Host Ports
- G DisplayPort Output

- H HDMI® Output
- I Gigabit Ethernet Ports
- J COM Ports DE9P (RS232)
- K USB 3.0 Host Ports
- L COM Port DE9P (RS232/RS422/RS485 Configurable)
- M Thumb-Screw Mounting
- N Wi-Fi Antenna Connector

I/O PORTS

HDMI®

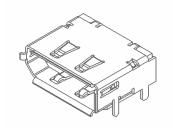
Connector Type: High Definition Multimedia Interface® Socket



DISPLAYPORT

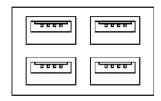
DisplayPort Connector available on PC1300 Series models

Connector Type: DisplayPort Interface Connector Socket



USB 3.0

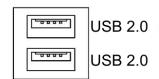
All PC1000 Series models have 4 x USB 3.0 Type A Host Ports



<u>Note</u>: USB 3.0 allows data transfers up to 5Gb/s, full-speed, and low-speed signaling. The total current output limit is 1.8A per Stacked Hub (**0.9A per individual port**)

USB 2.0

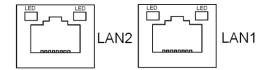
All PC1000 Series models have 2 x USB 2.0 Type A Host Ports



<u>Note</u>: USB 2.0 allows data transfers up to 480Mb/s, full-speed, and low-speed signaling. The total current output limit is 1.0A per Stacked Hub (**0.5A per individual port**)

LAN1 AND LAN2

Connector Type: Standard 10/100/1000M RJ-45 Ethernet ports



AUDIO-OUT

Connector Type: 3.5mm audio jack output



AUDIO-IN

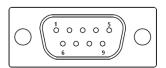
Connector Type: 3.5mm audio jack input



COM1-COM4:

(COM4 only on PC1300 Series)

Connector Type: DE9P Male Serial Ports



Pin	COM1*			COM2	СОМЗ	COM4**
#	(RS-232 Default)	(RS422)	(RS485)	(RS232)	(RS232)	(RS232)
1	DCD	422_TX-	485-	DCD	DCD	DCD
2	RXD	422_TX+	485+	RXD	RXD	RXD
3	TXD	422_RX+	NC	TXD	TXD	TXD
4	DTR	422_RX-	NC	DTR	DTR	DTR
5	GND	GND	GND	GND	GND	GND
6	DSR	NC	NC	DSR	DSR	DSR
7	RTS	NC	NC	RTS	RTS	RTS
8	CTS	NC	NC	CTS	CTS	CTS
9	RI	NC	NC	RI	RI	RI

* Refer to "Setting COM1 Function" to set the communication mode.		** COM4 only on PC1300 Series
communication mode.		1 3 1 3 3 3 3 1 1 3 3

BIOS CONFIGURATION OPTIONS

The BIOS (Basic Input/Output System) installed in the ROM of your Panel PC supports Intel® processors. The BIOS provides critical low-level support for standard devices such as disk drives and serial ports. The BIOS also provides a Setup utility program that allows the user to specify system configuration and setting options.



Warning: Changing settings or configurations within the BIOS of your Panel PC can adversely impact the operation of your Panel PC if incorrectly performed.

Maple Systems provides the below instructions solely for the operations specified, and is not responsible for improper unit operation caused by changing settings or entries other than those explicitly listed below.

To enter the BIOS of your Panel PC, ensure a USB keyboard is connected to your PC and apply power. Your PC1200 Series is automatically configured to boot up when power is applied. Turn the PC1300 Series on by pressing the power button located on the bottom of the CPU Module. If you wish for the PC1300 Series to automatically boot, see the instructions below.

Press the <Delete> key immediately during the POST (Power On Self-Test) portion of your PC's bootup sequence to enter the BIOS. The Main Menu containing the system summary information will appear.



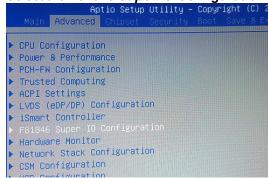
Example of initial POST screen. Your PC's POST screen may appear different.

SETTING COM1 FUNCTION

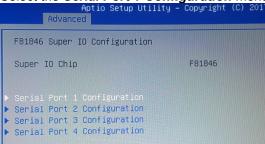
The PC1000 COM1 Serial Port is configured by default as RS232, but can be configured for RS422 (4-wire) or RS485 (2-wire) operation if so desired. COM1 port configuration is managed through the BIOS; see below for instructions on changing COM1 port mode.

Note: COM1 is the only port that can be configured for RS422 or RS485 operation; all other Serial Ports are exclusively configured for RS232 operation.

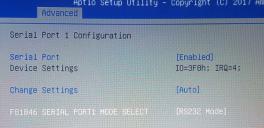
- 1. At the BIOS Main Menu, press the right arrow key for the *Advanced* submenu.
- 2. Select the *F81846 Super IO Configuration* menu and press the Enter key.



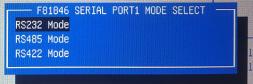
3. Select the **Serial Port 1 Configuration** menu option and press the **Enter** key.



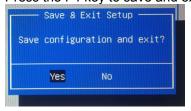
4. Select the *F81846 Serial Port 1 Mode Select menu* option and press the *Enter* key.



5. Select the *[RS232], [RS485], or [RS422]* option, depending on your desired port configuration and press the **Enter** key.



6. Press the F4 key to save and exit.

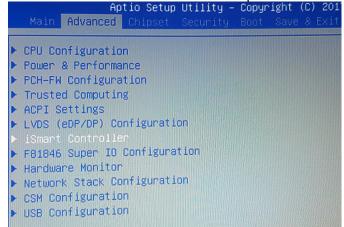


Note: Make sure to SAVE changes before exiting the BIOS. The F4 key will bring up the save option.

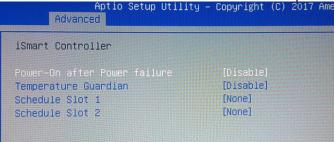
AUTOMATICALLY STARTUP WHEN POWER IS APPLIED (PC1300 SERIES)

When a Panel PC unit is panel-mounted, the power button becomes inaccessible. There is an option in the PC1300 Series BIOS that allows for the unit to be powered up when DC power is applied.

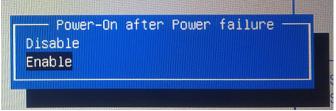
- 1. At the BIOS main menu, press the right arrow key for the *Advanced* submenu.
- 2. Select the iSmart Controller menu and press the Enter key.



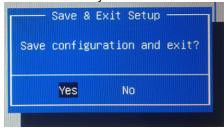
3. Select the *Power-On After Power failure* menu option and press the *Enter* key.



4. Select [ENABLED] with the arrow keys and press the Enter key.



5. Press the F4 key to save and exit.



Note: Make sure to SAVE changes before exiting the BIOS. The F4 key will bring up the save option.

OPERATING SYSTEM OPTIONS

The PC1000 Series Panel PCs can be purchased with the following operating systems pre-installed:

- Windows 10 IoT Enterprise 2019 LTSC (ESD)
- Windows 10 IoT Enterprise Embedded 2019 LTSC (ESD)

WINDOWS 10 IOT ENTERPRISE 2019 LTSC

Windows 10 IoT Enterprise LTSC is a full Professional version of Windows 10, available on all PC1000 models. This powerful operating system delivers enterprise manaegability and security to IoT solutions. Additionally, all of the features and functionality that customers expect to find on their desktop PC are available in this version. The Long Term Servicing Channel (LTSC) version ensures long term stability that critical production systems require by updating only necessary operating system components, with significantly fewer update interruptions.

Included Apps:

- MS Edge Internet Browser
- MS Word Viewer
- Adobe PDF Reader
- MS PowerPoint Viewer
- MS Excel Viewer
- Media Player

WONDERWARE / INDUSOFT WEBSTUDIO

All of the PC1000 Series PCs are compatible with Wonderware / Indusoft Web Studio. The choice of operating system will determine the target platform and runtime license required as shown in the chart below:

Operating System	Runtime License*	Target Platform
Windows 10 IoT	for Embedded viewfor windows	Windows
Enterprise	Embedded	

^{*} There are multiple options for each operating system indicated by "..." in the chart above. Refer to the *Indusoft Web Studio price list* for details.

For Windows 10 IoT Enterprise LTSC, install the Embedded View runtime by copying CEServer.exe from your C:\Program Files (x86)\InduSoft Web Studio v8.1\Redist\WinEmbedded\Bin to the PC system files.

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