

TOP in Smart Factory Automation

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TOP-PCVIEW SERIES
PRODUCT CATALOG



PC
BASED
HMI



PC X HMI
PC BASED HMI
TOP-PCVIEW



EMBEDDED HMI

TOPR TOPRX TOPRH TOPRW

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V 1.4E (180808)

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PC X HMI PC BASED HMI **TOP-PCVIEW**

MAKE YOUR INDUSTRIAL FIELD SMARTER WITH **PC BASED HMI**



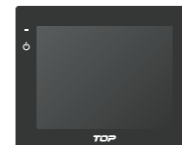
PC
BASED
HMI

MODEL LINE-UP

TOP-PCVIEW1000X
10" 4:3



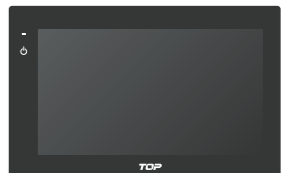
TOP-PCVIEW1200X
12" 4:3



TOP-PCVIEW1500X
15" 4:3



TOP-PCVIEW1900H
19" 16:9



PERFORMANCE

THE BEST PERFORMANCE

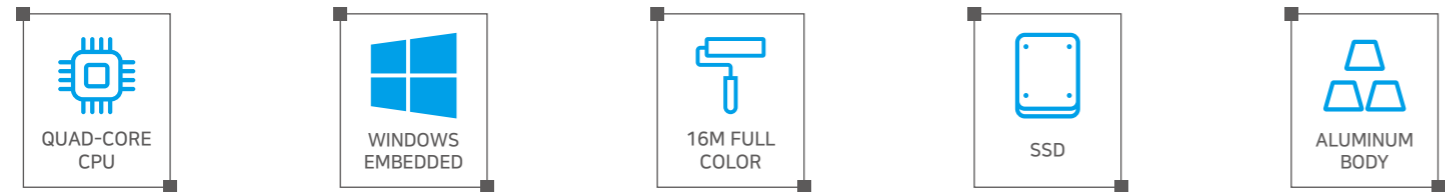
- Intel® Core-i3 / Celeron
- Windows embedded standard7
- 16M full color, vector image library

STRONG DURABILITY

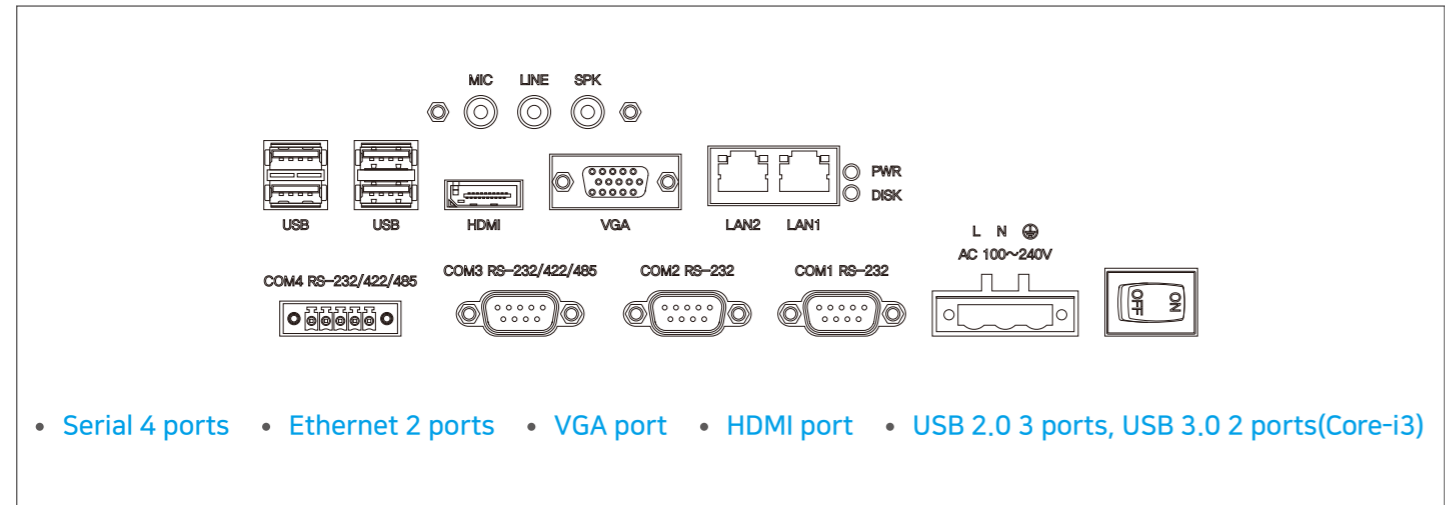
- Elegant designed aluminum body
- Durable fanless structure
- High efficiency heat sink

DEVICE FOR CONVINIENCE

- 5-Wire analog touch screen (19")
- 3 Different screen display at same time
- SSD 256GB(External) supported
- 2.5" Sub-storage rack supported(Excepting 10")



INTERFACE



- Serial 4 ports
- Ethernet 2 ports
- VGA port
- HDMI port
- USB 2.0 3 ports, USB 3.0 2 ports(Core-i3)

- 4 Serial ports (COM1/COM2/COM3/COM4) integrated
- 2 Ethernet ports which support different network
- Total 5 USB ports - USB 3.0 2 ports, USB 2.0 3 ports (Front 1 port including)
- HDMI output: Display the multi screen (Numerous screens in 1 screen) on Projector / TV
HDMI dual mode has HDMI own screen (HDMI screen) to display



SOFTWARE MAKE YOUR INDUSTRIAL FIELD SMARTER

OUTSTANDING PERFORMANCE

- Faster reaction with screen-based communication
- Optimized performance for Multi-Core CPU

COMPATIBLE WORKING ENVIRONMENT

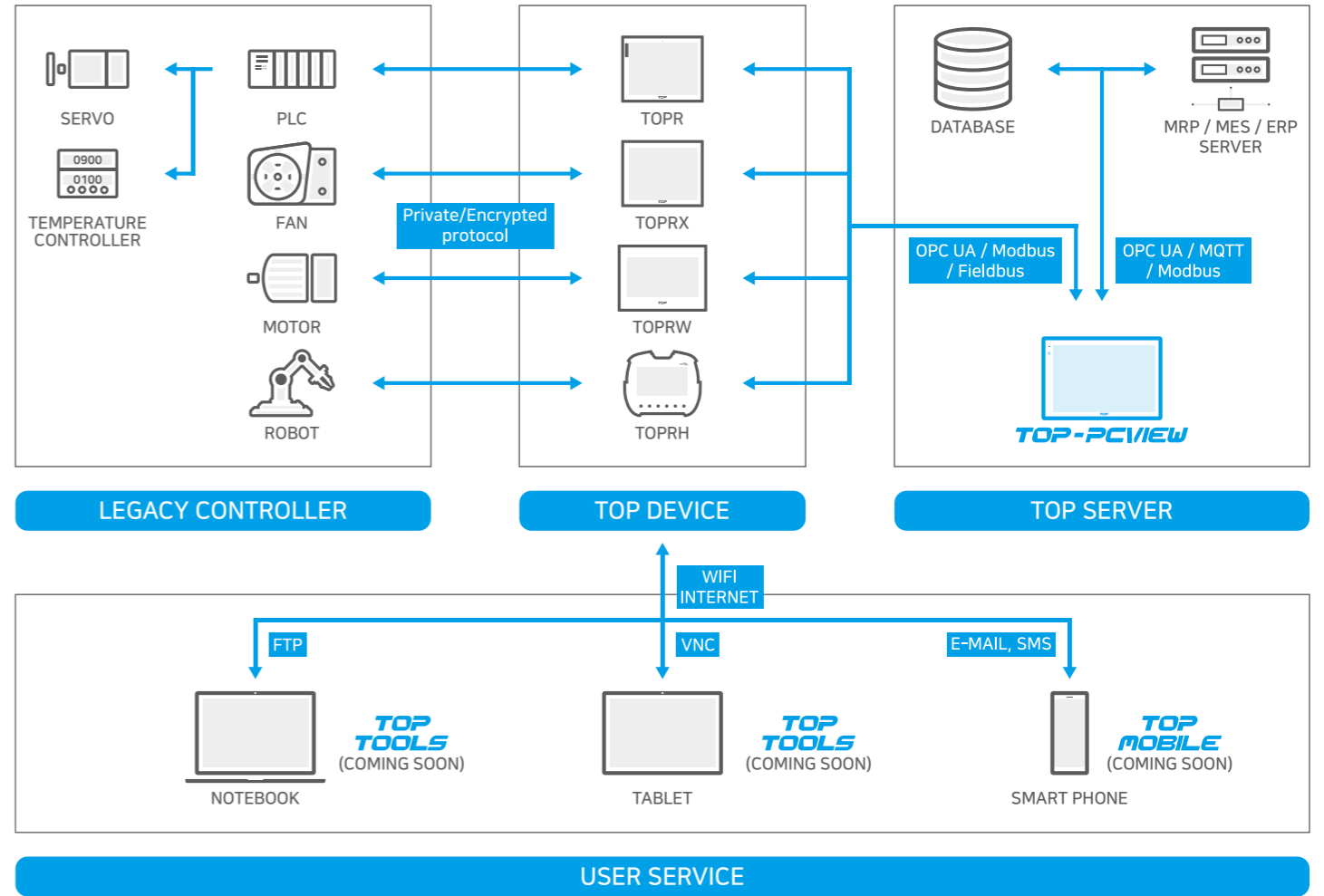
- Windows 2000/XP/Vista/2008/7/8/8.1/10
- Report making/printing by Excel format for user demanding shape
- Reduce working time - mutual project compatibility with embedded HMI

FEATURES FOR CONVENIENCE

- Not only programming by each tag, but also by each device
- Many convenient graph functions like pie, meta, bar, trend, record, etc.
- Functions for report, animation, scheduler, tag, user library, etc.
- Perfect supports for JAVA script
- Vector image library
- HSMS SECS- II protocol for semiconductor industry



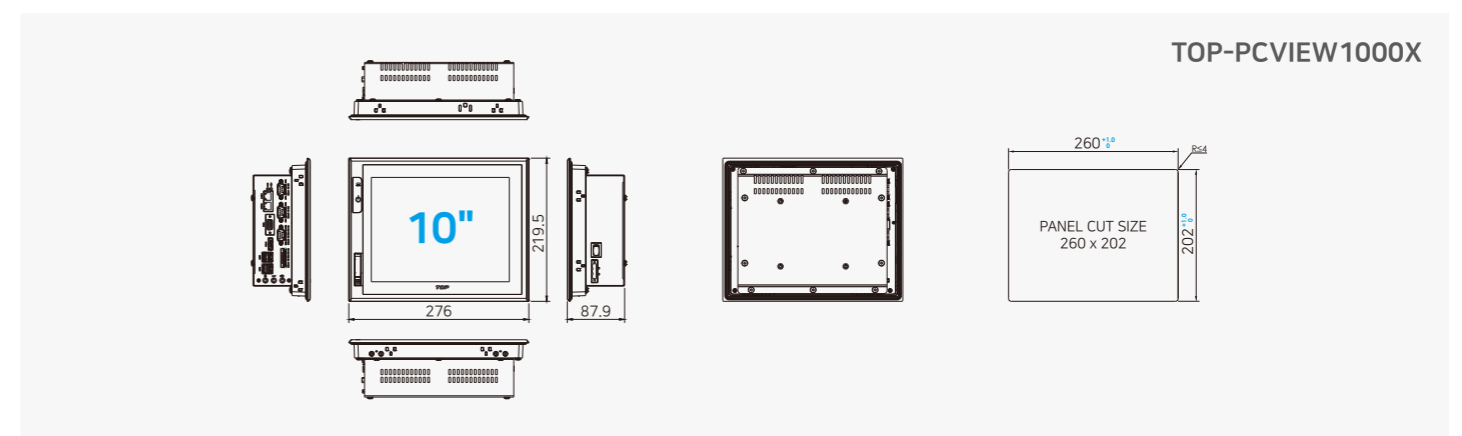
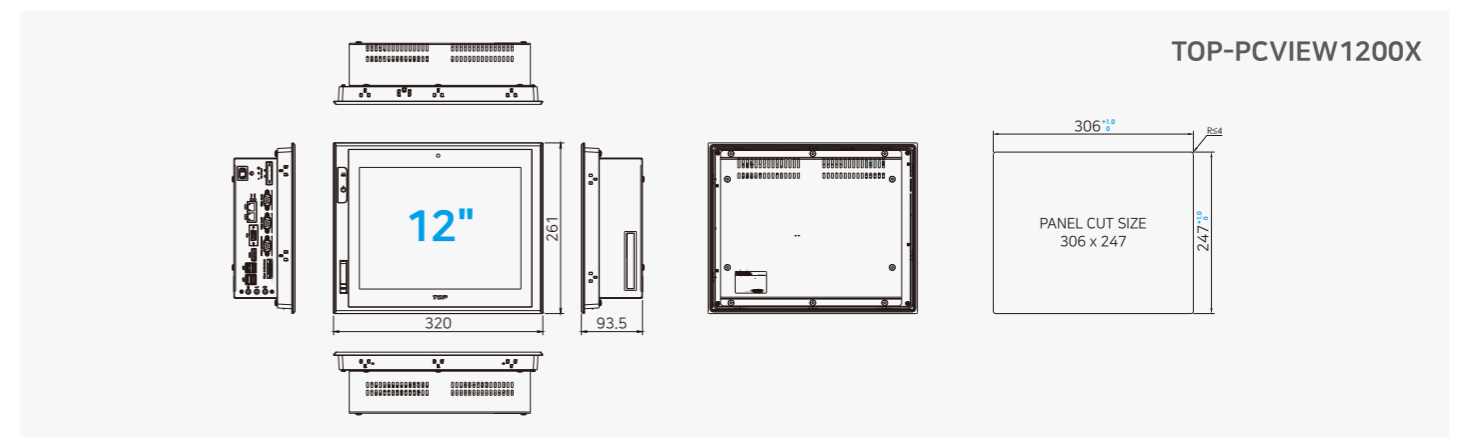
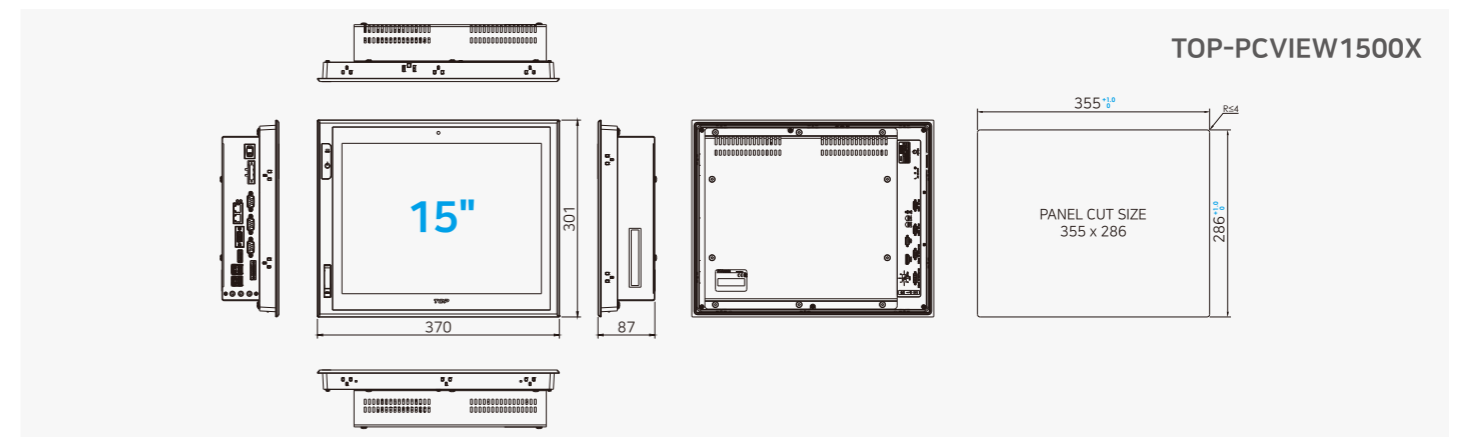
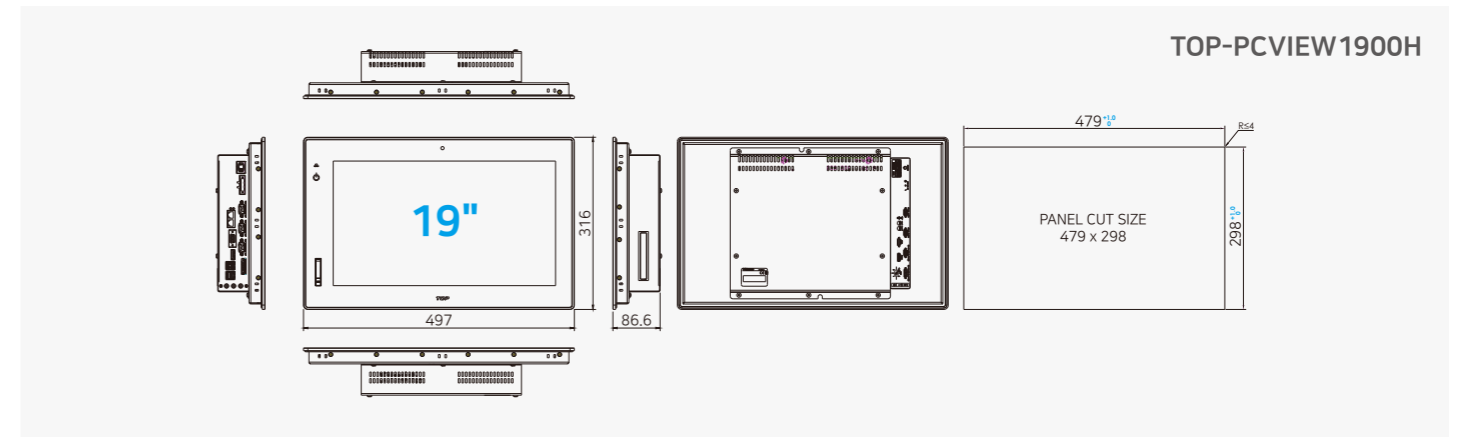
OFFER IoT PLATFORM FOR YOUR SMART FACTORY



SPECIFICATIONS

Functional	TOP-PCVIEW1900H	TOP-PCVIEW1500X	TOP-PCVIEW1200X	TOP-PCVIEW1000X	
System	CPU Core	Intel® Core-i3 4010U / Intel® Celeron J1900			
	CPU Speed	Core-i3: 1.7GHz(2C/4T) / Celeron: 2.0GHz(4C/4T)			
	Memory	DDR3L SO-DIMM 8GB			
	Storage	2.5" SSD 256GB			
	OS	WES7 KOR 32/64, ENG 32/64 + TruImage			
	System Utility	Acronis true image(Recovery System) / RAID1 Support(*Core-i3)			Acronis true image (Recovery System)
Display	Display Type	TFT 18.5"	TFT 15"	TFT 12.1"	TFT 10.4"
	Color	16M Colors			
	Resolution	1366 x 768, HD	1024 x 768, XGA	1024 x 768, XGA	1024 x 768, XGA
	Brightness Level	5 Level(Selected BIOS)			
	Backlight Type	LED			
	Backlight Life	Min. 50,000 hours	Min. 50,000 hours	Min. 50,000 hours	Min. 50,000 hours
Touch	Touch Type	5 wire analog resistive	4 wire analog resistive	4 wire analog resistive	4 wire analog resistive
	Touch Life	10 million times or more	1 million times or more	1 million times or more	1 million times or more
Power	Input Voltage	AC 100~240V, 50/60Hz or DC 20~28V			
	Voltage Sag	Within 10ms			
	Insulation Resistance	500V DC, 10MΩ			
Interface	Serial COM1, COM2	<ul style="list-style-type: none"> RS-232C Asynchronous Data bit: 7/8 bits, Stop bit: 1/2 bits, Parity bit: None/Odd/Even Baud rate: 2400~115.2kbps Connector: DSUB 9pin 			
	Serial COM3, COM4	<ul style="list-style-type: none"> RS-232C/422/485 Asynchronous(Selected BIOS) Data bit: 7/8 bits, Stop bit: 1/2 bits, Parity bit: None/Odd/Even Baud rate: 2400~115.2kbps Connector: DSUB 9pin & Terminal Block 5P(Pitch 3.5mm) 			
	Ethernet	<ul style="list-style-type: none"> 2Port 10/100/1000Mbps Supports Connector: RJ-45 x 2P 			
	USB 2.0	<ul style="list-style-type: none"> Output 5V/0.5A, Type A Side 2P, Front 1P(*Core-i3) / Side 3P, Front 1P(*Celeron) 			
	USB 3.0	<ul style="list-style-type: none"> Output 5V/0.9A, Type A Side 2P(*Core-i3) / Side 1P(*Celeron) 			
	Power Button	Electrostatic touch			
	External Storage	Built-in 2.5" 2-Bay SSD/HDD Storage Bay(*Core-i3) / Built-in 2.5" 1-Bay SSD/HDD Storage Bay(*Celeron)			
	VGA	Max.1920 x 1200 at 60 Hz(*Core-i3) / Max. 2560 x 1600 at 60 Hz(*Celeron)			
	HDMI OUT	Max.4096 x 2304 at 24 Hz(*Core-i3) / Max.1920 x 1080 at 60Hz(*Celeron)			
	Audio	High Definition Audio(HD), Line-in, Line out, Mic-in			
Environment	Operation Temperature(°C)	0 ~ +60 °C(RH Non-Condensing)			
	Storage Temperature(°C)	-40 ~ 85 °C and 60° C @ 95% RH Non-Condensing			
	Operation Humidity(%RH)	40°C @ 95% RH Non-Condensing			
	Atmosphere	No corrosive gas			
	Vibration Endurance	Amplitude: 10≤F < 25Hz(4G), X,Y,Z each direction(for 30 minutes)			
	Noise Immunity	1000Vp-p(Pulse width 1μs)			
	Static Electricity Discharge	Connective discharge from EN61000-4-2: ±4kV			
	Shock Endurance	10G X,Y,Z each direction(for 3 times)			
	Surge Voltage	500V(Line-Line)			
	Ground Connection	Class 3(100Ω under)			
Protection Classification	Front Side: IP65, Rear Side: IP2X				
Structure	External Dimension(mm)	497 x 316 x 86.6	370 x 301 x 87	320 x 261 x 93.5	276 x 219.5 x 87.9
	Panel Cut(mm)	479 x 298	355 x 286	306 x 247	260 x 202
	Weight(kg)	7.1	5	4.1	3
	Cooling System	Natural air circulation(Fanless)			
	Case Material	Metal			
HMI S/W	TOP-VIEW				
	Full tag support				

DRAWING



* The specifications can be changed when they are launched without notice.

