



18.5" / 21.5" Widescreen 10-point PCAP Panel PC with 11th Gen Intel® Core™ U-Series Processors

- Enhanced computing, graphics & AI capabilities for visualization and data processing
- User-friendly multi-touch interface to make complex tasks simple
- Good resistance against water spray and dust ingress under harsh conditions
- Hardware-based protection against malware and sophisticated cyberattacks
- Seamless viewing experience with minimal distractions

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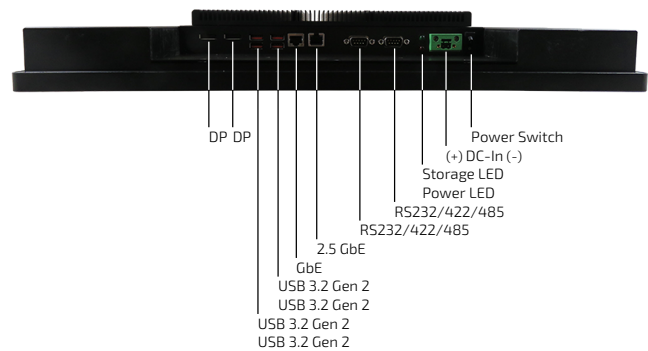
Powered by 11th Generation Intel® Core™ U-Series and Celeron® 6000 Series processors as well as Intel® Iris® X® Graphics integrated, XtremeClient-TGL panel PC delivers excellent graphics performance. Equipped with two DP connectors, it supports second and / or third monitor with up to 8K resolution at 60 fps.

The ultra-slim frame design is its another important feature, which provides an almost zero-frame screen and puts no boundary on the visual enjoyment. In addition, the widescreen with 16:9 aspect ratio

and 10-point PCAP multi-touch function can provide comfortable viewing experience to operators and allow multi-window display without toggling.

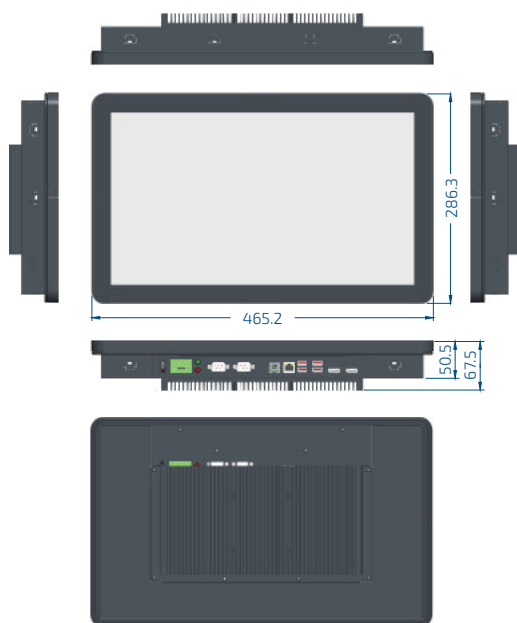
Finally, the IP65-rated fully flat front design with 6H hardness glassy surface can provide good resistance against water spray, contamination, scratch or abrasion, making it suitable for harsh environments. It is therefore ideal for a wide range of industrial applications.

- 18.5" / 21.5" widescreen 10-pt PCAP multi-touch LCD display
- 11th Gen Intel® Core™ U-Series processors
- Intel® Celeron® 6000 Series processors
- 2x DDR4 SO-DIMM memory support
- 2x DP for second / third monitor support
- 1x 2.5 GbE LAN, 1x GbE LAN for Ethernet
- 4x USB 3.2 Gen 2 for USB device connection
- 2x RS232/422/485 for serial device connection
- 1x 2.5" SATA 3.0 HDD / SSD support
- 1x M.2 Key B for SSD / WWAN expansion
- 1x M.2 Key E for WLAN / Bluetooth expansion
- 1x M.2 Key M for SSD storage
- Passive cooling design
- IP65-rated front design
- Fully flat front design
- Ultra-slim frame design
- Glass hardness of 6H
- TPM 2.0 support

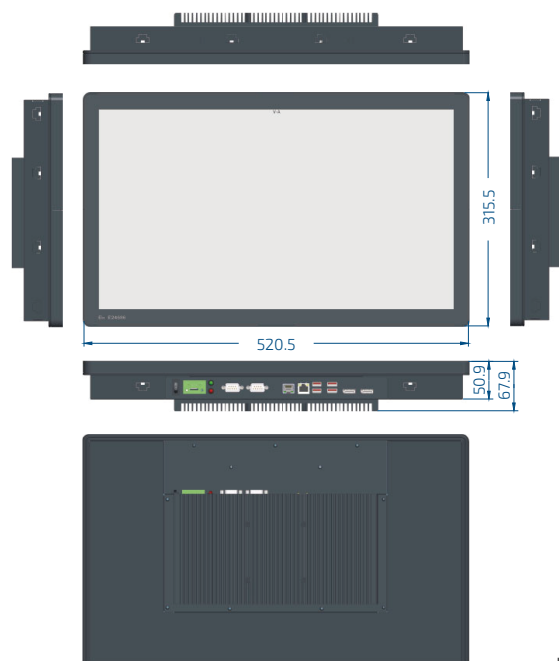


Mechanical Dimensions

➤ 18.5" Model



➤ 21.5" Model



unit: mm

SYSTEM	PROCESSOR	Intel® Core™ i7-1185G7E (Quad Core, 12M Cache, 1.8 / 4.4 GHz, FCBGA1449, 15 W TDP) Intel® Core™ i5-1145G7E (Quad Core, 8M Cache, 1.5 / 4.1 GHz, FCBGA1449, 15 W TDP) Intel® Core™ i3-1115G4E (Dual Core, 6M Cache, 2.2 / 3.9 GHz, FCBGA1449, 15 W TDP) Intel® Celeron® 6305E (Dual Core, 4M Cache, 1.8 GHz, FCBGA1449, 15 W TDP) 2x DDR4 3200 SO-DIMM up to 64 GByte	
	MEMORY		
VIDEO	GRAPHICS	Intel® Iris® X* Graphics (Core™ i7 / i5) Intel® UHD Graphics (Core™ i3 / Celeron®)	
	DISPLAY SIZE ASPECT RATIO BACKLIGHT RESOLUTION BRIGHTNESS (cd/m², typ.) CONTRAST RATIO (typ.) COLOR VIEWING ANGLE (L/R/H/L) TOUCH DISPLAY INTERFACE MULTIPLE DISPLAY	18.5 inch 16:9 LED 1366 x 768 WXGA 300 1000:1 16.7M 85 / 85 / 80 / 80 10-point PCAP 2x DP (7680 x 4320 @ 60 Hz*, on rear) Triple Display	21.5 inch 16:9 LED 1920 x 1080 Full HD 250 5000:1 16.7M 89 / 89 / 89 / 89 10-point PCAP
NETWORK CONNECTION	ETHERNET	1x 2.5 GbE LAN (RJ45 on rear, Intel® I226-LM) 1x GbE LAN (RJ45 on rear, Intel® I210-AT)	
PERIPHERAL CONNECTION	USB	4x USB 3.2 Gen 2 (Type A on rear)	
	SERIAL PORT	2x RS232/422/485 (DB9 on rear)	
STORAGE & EXPANSION	SATA	1x 2.5" SATA 3.0 HDD / SSD	
	M.2	1x M.2 Key B (Type 2242 / 3042 / 2280, w/ PCIe x1 / USB 2.0 / SATA 3.0 / UIM) 1x M.2 Key E (Type 2230, w/ PCIe x1 / USB 2.0 / CNVi) 1x M.2 Key M (Type 2280, w/ PCIe x4) 1x SIM Card Holder (Micro type)	
POWER	SIM CARD HOLDER		
	INPUT VOLTAGE	DC 12 V (Configuration 1) DC 13 V ~ 32 V (Configuration 2)	
FIRMWARE	CONNECTOR	2-pin terminal block (on rear)	
	BIOS	AMI uEFI BIOS w/ 256 Mb SPI Flash Programmable WDT to generate system reset event Voltages, Temperatures Processor integrated RTC vPro (Core™ i7 / i5) TPM 2.0 (Infineon SLB 9670)	
SYSTEM CONTROL & MONITORING	WATCHDOG		
	H/W MONITOR REAL TIME CLOCK REMOTE MANAGEMENT SECURITY		
COOLING	BUTTON, SWITCH & INDICATOR	1x Power Switch (on rear) 1x Power LED (on rear) 1x Storage LED (on rear)	
	COOLING METHOD	Passive	
SOFTWARE	OS SUPPORT	Windows 10, Linux	
MECHANICAL	CONSTRUCTION	Glass Surface + Metal Chassis w/ Ultra-slim Frame + Aluminum Heat Sink	
	DIMENSION - W DIMENSION - H DIMENSION - D WEIGHT MOUNTING	465.2 mm (18.31") 286.3 mm (11.27") 67.5 mm (2.66") 6,400 g (14.11 lb) Panel Mount, Wall Mount (VESA 75 mm x 75 mm)	520.5 mm (20.49") 315.5 mm (12.42") 67.9 mm (2.67") 6,600 g (14.55 lb)
ENVIRONMENTAL	OPERATING TEMPERATURE	0 °C ~ 50 °C / 32 °F ~ 122 °F	
	STORAGE TEMPERATURE	-20 °C ~ 80 °C / -4 °F ~ 176 °F	
COMPLIANCE	HUMIDITY	0 % ~ 95 %	
	EMC & SAFETY	CE Class B, FCC Class B	
	INGRESS PROTECTION	IP65 (front)	

* 2x 8K support for models with Core™ i7 / i5 processors, 1x 8K support for those with Core™ i3 / Celeron® processors

Ordering Information

ARTICLE	DESCRIPTION
XtremeClient-185-TGL-0-i5-1145G7E	18.5" 16:9 LCD Display, Intel® Core™ i5-1145G7E, w/ vPro, 12 V DC In
XtremeClient-185-TGL-1-i3-1115G4E	18.5" 16:9 LCD Display, Intel® Core™ i3-1115G4E, w/o vPro, 12 V DC In
XtremeClient-185-TGL-2-i7-1185G7E	18.5" 16:9 LCD Display, Intel® Core™ i7-1185G7E, w/ vPro, 12 V DC In
XtremeClient-185-TGL-3-6305E	18.5" 16:9 LCD Display, Intel® Celeron® 6305E, w/o vPro, 12 V DC In
XtremeClient-185-TGL-4-i5-1145G7E	18.5" 16:9 LCD Display, Intel® Core™ i5-1145G7E, w/ vPro, 13 V ~ 32 V DC In
XtremeClient-185-TGL-5-i3-1115G4E	18.5" 16:9 LCD Display, Intel® Core™ i3-1115G4E, w/o vPro, 13 V ~ 32 V DC In
XtremeClient-185-TGL-6-i7-1185G7E	18.5" 16:9 LCD Display, Intel® Core™ i7-1185G7E, w/ vPro, 13 V ~ 32 V DC In
XtremeClient-185-TGL-7-6305E	18.5" 16:9 LCD Display, Intel® Celeron® 6305E, w/o vPro, 13 V ~ 32 V DC In
XtremeClient-215-TGL-0-i5-1145G7E	21.5" 16:9 LCD Display, Intel® Core™ i5-1145G7E, w/ vPro, 12 V DC In
XtremeClient-215-TGL-1-i3-1115G4E	21.5" 16:9 LCD Display, Intel® Core™ i3-1115G4E, w/o vPro, 12 V DC In
XtremeClient-215-TGL-2-i7-1185G7E	21.5" 16:9 LCD Display, Intel® Core™ i7-1185G7E, w/ vPro, 12 V DC In
XtremeClient-215-TGL-3-6305E	21.5" 16:9 LCD Display, Intel® Celeron® 6305E, w/o vPro, 12 V DC In
XtremeClient-215-TGL-4-i5-1145G7E	21.5" 16:9 LCD Display, Intel® Core™ i5-1145G7E, w/ vPro, 13 V ~ 32 V DC In
XtremeClient-215-TGL-5-i3-1115G4E	21.5" 16:9 LCD Display, Intel® Core™ i3-1115G4E, w/o vPro, 13 V ~ 32 V DC In
XtremeClient-215-TGL-6-i7-1185G7E	21.5" 16:9 LCD Display, Intel® Core™ i7-1185G7E, w/ vPro, 13 V ~ 32 V DC In
XtremeClient-215-TGL-7-6305E	21.5" 16:9 LCD Display, Intel® Celeron® 6305E, w/o vPro, 13 V ~ 32 V DC In

Accessories

ARTICLE	PART NO.	DESCRIPTION
POWER ADAPTER #	0I0902GST60A102L	Input: AC 90 V ~ 264 V, Output: 12 V, 60 W (for variants w/ 12 V DC In connector)
POWER ADAPTER #	0I0902GST60A201L	Input: AC 90 V ~ 264 V, Output: 24 V, 60 W (for variants w/ 9 V ~ 32 V DC In connector)
POWER CORD	0C5060000000020L	EU type
	0C5060000000030L	US type
	0C5060000000040L	UK type
	0C5060000000070L	JP type
	0C5060000000090L	CN type
	0C5060000000110L	AU type
PANEL MOUNT KIT	0F3PMKITS5701900	Mounting clamp screws (q'ty depending on panel size)
VESA MOUNTING KIT *	0ZMM650000000400	2x bracket (Hole pattern: 100 mm x 100 mm & 75 mm x 75 mm), 4x screw
WI-FI + BT EXPANSION KIT *	0ZHKAWCB209NF001	Wi-Fi 2.4 GHz / 5 GHz, Bluetooth 4.0 Class I, M.2 Key A/E, 2x antenna

* : Optional

: Supplied depending on variants