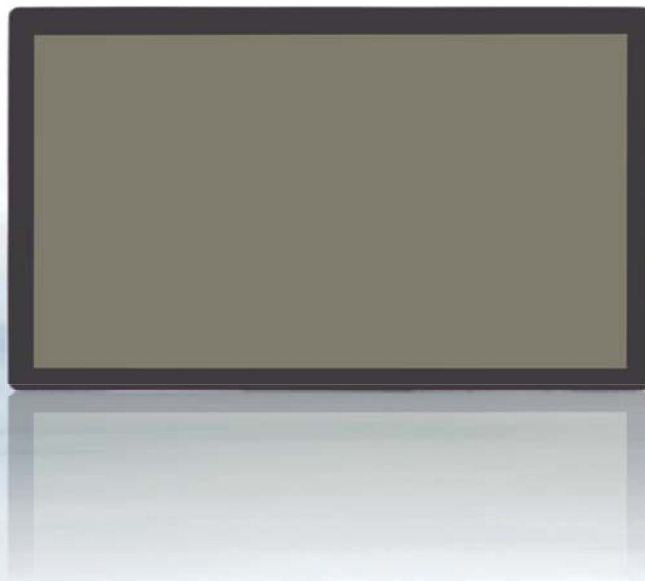


# XtremeClient-WLU

ULTRA-SLIM FRAME, FANLESS, ANTI-SPRAY

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15.6" / 18.5" / 21.5" / 23.8" WIDESCREEN 10-POINT PCAP PANEL PC  
WITH 8TH GEN INTEL® CORE™ / CELERON® U-SERIES CPU

- ▶ 2x DP++ for second / third monitor support
- ▶ 2x GbE LAN for Ethernet
- ▶ 4x USB 3.1, 2x RS232/422/485 for peripherals
- ▶ 1x 2.5" SATA 3.0 HDD / SSD support
- ▶ 1x M.2 Key B, 1x M.2 Key E, 1x M.2 Key M for SSD and expansion

# XtremeClient-WLU

## 15.6" / 18.5" / 21.5" / 23.8" WIDESCREEN 10-POINT PCAP PANEL PC WITH 8TH GEN INTEL® CORE™ U-SERIES CPU

Powered by 8th Generation Intel® Core™ / Celeron® U-Series Processors, XtremeClient-WLU Panel PC not only delivers improved graphics performance but also supports Intel® CNVi technology for faster Wi-Fi speed rate. In addition, it is equipped with two DP++ ports, allowing users to easily clone or extend screen to a second and / or third monitor with different interfaces.

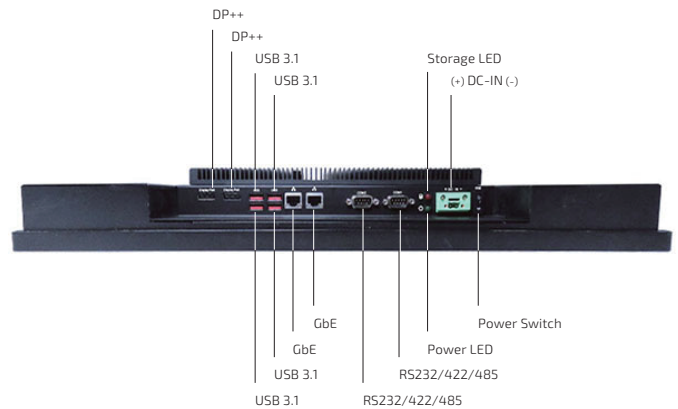
The ultra-slim frame design is its another important feature, which provides an almost zero-frame screen and puts no boundary on the visual enjoyment. In addition, the widescreen with 16:9 aspect

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.

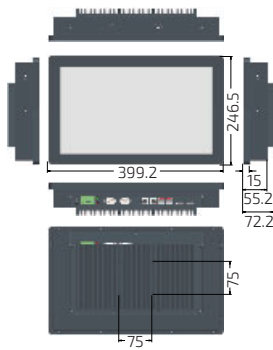
### ▶ PRODUCT HIGHLIGHTS

- ▶ 15.6" / 18.5" / 21.5" / 23.8" widescreen 10-point PCAP multi-touch LCD display
- ▶ 8th Generation Intel® Core™ / Celeron® U-Series Processors
- ▶ 2x DDR4 SO-DIMM memory socket
- ▶ 2x DP++ for second / third monitor support
- ▶ 2x GbE LAN for Ethernet
- ▶ 4x USB 3.1 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 WWAN expansion
- ▶ 1x M.2 Key E for CNVi 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

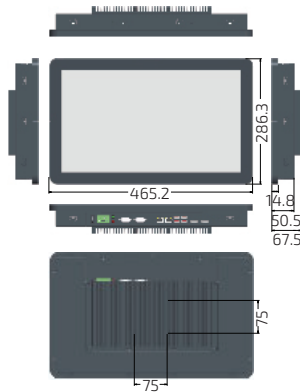


### ▶ MECHANICAL DIMENSIONS

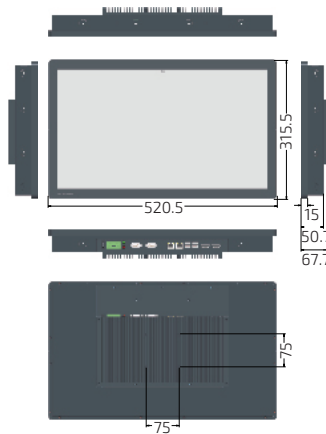
▶ 15.6" Model



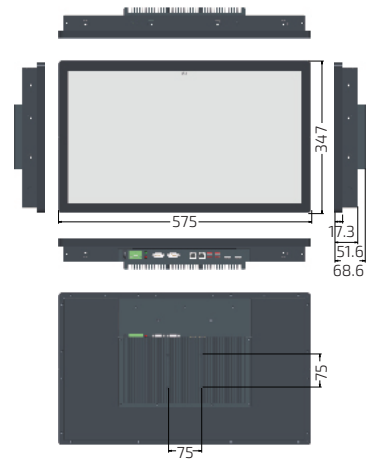
▶ 18.5" Model



▶ 21.5" Model



▶ 23.8" Model



unit: mm

► TECHNICAL INFORMATION

<b>SYSTEM</b>	<b>PROCESSOR</b>	Intel® Core™ i7-8665UE (Quad Core, 8M Cache, up to 4.4 GHz, FCBGA1528, 15 W TDP) Intel® Core™ i5-8365UE (Quad Core, 6M Cache, up to 4.1 GHz, FCBGA1528, 15 W TDP) Intel® Core™ i3-8145UE (Dual Core, 4M Cache, up to 3.9 GHz, FCBGA1528, 15 W TDP) Intel® Celeron® 4305UE (Dual Core, 2M Cache, 2.00 GHz, FCBGA1528, 15 W TDP)
	<b>MEMORY</b>	2x DDR4 2400 1.2 V SO-DIMM up to 64 GByte (Core™ i models) 2x DDR4 2133 1.2 V SO-DIMM up to 64 GByte (Celeron® models)
<b>VIDEO</b>	<b>GRAPHICS</b>	Intel® UHD Graphics 620 (Core™ i models) Intel® UHD Graphics 610 (Celeron® models)
	<b>DISPLAY SIZE</b>	15.6 inch      18.5 inch      21.5 inch      23.8 inch
	<b>ASPECT RATIO</b>	16:9      16:9      16:9      16:9
	<b>BACKLIGHT</b>	LED      LED      LED      LED
	<b>RESOLUTION</b>	1366 x 768 WXGA      1366 x 768 WXGA      1920 x 1080 Full HD      1920 x 1080 Full HD
	<b>BRIGHTNESS (cd/m², typ.)</b>	300      300      250      400
	<b>CONTRAST RATIO (typ.)</b>	500:1      1000:1      5000:1      1000:1
	<b>COLOR</b>	262K / 16.7M      16.7M      16.7M      16.7M
	<b>VIEWING ANGLE (L/R/H/L, °)</b>	80 / 80 / 80 / 80      85 / 85 / 80 / 80      89 / 89 / 89 / 89      89 / 89 / 89 / 89
	<b>TOUCH</b>	10-point PCAP      10-point PCAP      10-point PCAP      10-point PCAP
	<b>DISPLAY INTERFACE</b>	2x DP++ (4096 x 2304 @ 60 Hz, on rear)
	<b>MULTIPLE DISPLAY</b>	Triple Display
<b>NETWORK CONNECTION</b>	<b>ETHERNET</b>	2x GbE LAN (RJ45 on rear, 1x Intel® I219-LM, 1x Intel® I210-AT)
<b>PERIPHERAL CONNECTION</b>	<b>USB</b>	4x USB 3.1 (Type A on rear)
	<b>SERIAL PORT</b>	2x RS232/422/485 (DB9 on rear)
<b>STORAGE &amp; EXPANSION</b>	<b>SATA</b>	1x 2.5" SATA 3.0 HDD / SSD
	<b>M.2</b>	1x M.2 Key B (Type 2242, w/ PCIe x1 / USB 3.1) 1x M.2 Key E (Type 2230, w/ PCIe x1 / USB 2.0, Intel CNVi support) 1x M.2 Key M (Type 2280 / 2242, PCIe x4 / SATA 3.0)
	<b>SIM CARD HOLDER</b>	1x Micro SIM Card Cage (connected to M.2 Key B)
<b>POWER</b>	<b>INPUT VOLTAGE CONNECTOR</b>	DC 12 V 2-pin Phoenix Connector (on rear)
<b>FIRMWARE</b>	<b>BIOS</b>	AMI uEFI BIOS w/ 256 Mb SPI Flash
	<b>WATCHDOG</b>	Programmable WDT to generate system reset event
	<b>H/W MONITOR</b>	Voltages, Temperatures
	<b>REAL TIME CLOCK</b>	Processor integrated RTC
	<b>SECURITY</b>	TPM 2.0 support (Infineon SLB 9665)
<b>SYSTEM CONTROL &amp; MONITORING</b>	<b>BUTTON, SWITCH &amp; INDICATOR</b>	1x Power Switch (on rear) 1x Power LED (on rear) 1x Storage LED (on rear)
<b>COOLING</b>	<b>COOLING METHOD</b>	Passive
<b>SOFTWARE</b>	<b>OS SUPPORT</b>	Windows 10, Linux
<b>MECHANICAL</b>	<b>CONSTRUCTION</b>	Glass Surface + Metal Chassis w/ Ultra-slim Frame + Aluminum Heat Sink
	<b>DIMENSION - W</b>	399.2 mm (15.72")      465.2 mm (18.31")      520.5 mm (20.49")      575.0 mm (22.64")
	<b>DIMENSION - H</b>	246.5 mm (9.70")      286.3 mm (11.27")      315.5 mm (12.42")      347.0 mm (13.66")
	<b>DIMENSION - D</b>	72.2 mm (2.84")      67.5 mm (2.66")      67.7 mm (2.67")      68.6 mm (2.70")
	<b>WEIGHT</b>	4,900 g (10.80 lb)      6,400 g (14.11 lb)      6,600 g (14.55 lb)      7,600 g (16.76 lb)
	<b>MOUNTING</b>	Panel Mount, Wall Mount (VESA 75 mm x 75 mm)
<b>ENVIRONMENTAL</b>	<b>OPERATION TEMPERATURE</b>	0 °C ~ 50 °C / 32 °F ~ 122 °F
	<b>STORAGE TEMPERATURE</b>	-20 °C ~ 80 °C / -4 °F ~ 176 °F
	<b>HUMIDITY</b>	0 % ~ 95 %
<b>CERTIFICATION</b>	<b>EMC &amp; SAFETY</b>	CE Class B, FCC Class B
	<b>INGRESS PROTECTION</b>	IP65 (front)

► ORDERING INFORMATION

ARTICLE	DESCRIPTION
XtremeClient-WLU0-156-P	15.6" 16:9 LCD Display, Intel® Core™ i7-8665UE
XtremeClient-WLU1-156-P	15.6" 16:9 LCD Display, Intel® Core™ i5-8365UE
XtremeClient-WLU2-156-P	15.6" 16:9 LCD Display, Intel® Core™ i3-8145UE
XtremeClient-WLU3-156-P	15.6" 16:9 LCD Display, Intel® Celeron® 4305UE
XtremeClient-WLU0-185-P	18.5" 16:9 LCD Display, Intel® Core™ i7-8665UE
XtremeClient-WLU1-185-P	18.5" 16:9 LCD Display, Intel® Core™ i5-8365UE
XtremeClient-WLU2-185-P	18.5" 16:9 LCD Display, Intel® Core™ i3-8145UE
XtremeClient-WLU3-185-P	18.5" 16:9 LCD Display, Intel® Celeron® 4305UE
XtremeClient-WLU0-215-P	21.5" 16:9 LCD Display, Intel® Core™ i7-8665UE
XtremeClient-WLU1-215-P	21.5" 16:9 LCD Display, Intel® Core™ i5-8365UE
XtremeClient-WLU2-215-P	21.5" 16:9 LCD Display, Intel® Core™ i3-8145UE
XtremeClient-WLU3-215-P	21.5" 16:9 LCD Display, Intel® Celeron® 4305UE
XtremeClient-WLU0-238-P	23.8" 16:9 LCD Display, Intel® Core™ i7-8665UE
XtremeClient-WLU1-238-P	23.8" 16:9 LCD Display, Intel® Core™ i5-8365UE
XtremeClient-WLU2-238-P	23.8" 16:9 LCD Display, Intel® Core™ i3-8145UE
XtremeClient-WLU3-238-P	23.8" 16:9 LCD Display, Intel® Celeron® 4305UE

ACCESSORIES

ARTICLE	PART NO.	DESCRIPTION
<b>POWER ADAPTER</b>	0I0902GST60A102L	Input: AC 90 V – 264 V, Output: 12 V, 60 W
<b>POWER CORD</b> <i>(depending on country)</i>	0C5060000000020L	EU type
	0C5060000000030L	US type
	0C5060000000040L	UK type
	0C5060000000070L	JP type
	0C5060000000090L	CN type
	0C5060000000110L	AU type
<b>VESA MOUNTING KIT *</b>	0ZMMWALL-MNTA100	Hole pattern: 100 mm x 100 mm & 75 mm x 75 mm

(\* : Optional)