

# SmartClient-SLU

MULTI-TOUCH SCREEN, FANLESS, ANTI-SPRAY

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## 18.5" / 21.5" WIDESCREEN 10-POINT PCT FLAT PANEL PC WITH INTEL® SKYLAKE U-SERIES PROCESSORS

- ▶ 1x HDMI 2.0, 1x DP for display output
- ▶ 2x GbE LAN for Ethernet
- ▶ 4x USB 3.0, 2x RS232/422/485 for peripheral connection
- ▶ 1x 2.5" SATA HDD / SSD for storage
- ▶ 1x mPCIe, 1x M.2 Key B for expansion

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## 18.5" / 21.5" WIDESCREEN 10-POINT PCT FLAT PANEL PC WITH INTEL® SKYLAKE U-SERIES PROCESSORS

Powered by 6th Generation Intel® Skylake U-Series Processors, Kontron SmartClient-SLU Flat Panel PC has greatly improved graphics performance, power efficiency and wireless connectivity. In addition to 1x HDMI 2.0, 1x DP, 2x GbE LAN, 4x USB 3.0 and 2x RS232/422/485 for display output, Ethernet and peripheral applications, it reserves 1x mPCIe and 1x M.2 Key B for wireless, storage or other possible functional expansion.

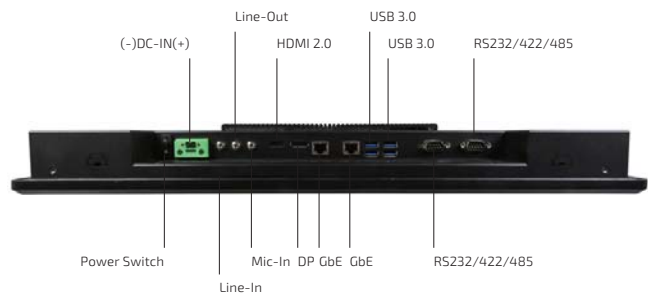
The 18.5" / 21.5" widescreen with 16:9 aspect ratio and 10-point

PCT multi-touch function is its another important feature, which can provide comfortable viewing experience to operators and allow multi-window display without toggling.

Finally, the IP65-rated flat panel 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.

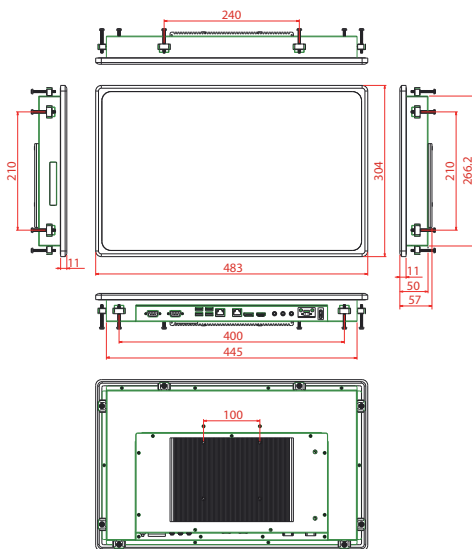
### ▶ PRODUCT HIGHLIGHTS

- ▶ 18.5" / 21.5" widescreen 10-point PCT multi-touch LCD display
- ▶ Intel® Skylake U-Series Processors
- ▶ 2x DDR4 SO-DIMM
- ▶ 1x HDMI 2.0, 1x DP for video output
- ▶ Triple display support
- ▶ 2x GbE LAN for Ethernet
- ▶ 4x USB 3.0, 2x RS232/422/485 for peripheral connection
- ▶ 1x 2.5" SATA HDD / SSD for storage
- ▶ 1x mPCIe, 1x M.2 Key B for expansion
- ▶ Passive cooling design
- ▶ IP65-rated front design
- ▶ Flat panel design
- ▶ Glass hardness of 6H

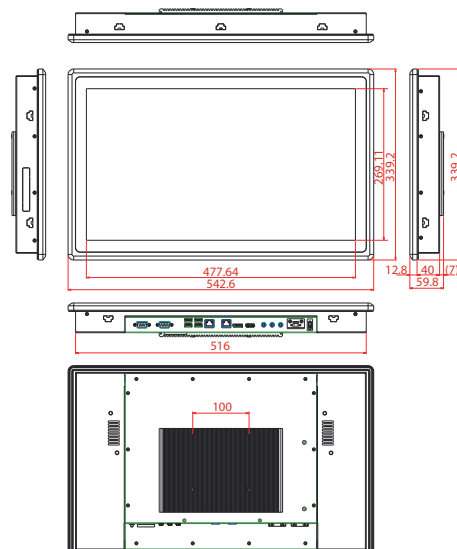


### ▶ MECHANICAL DIMENSIONS

#### ▶ 18.5" Model



#### ▶ 21.5" Model



unit: mm

## TECHNICAL INFORMATION

<b>System</b>	<b>Processor</b>	Intel® Core™ i7-6600U (Dual Core, 4M Cache, up to 3.40 GHz, FCBGA1356, 15 W TDP) Intel® Core™ i5-6300U (Dual Core, 3M Cache, up to 3.00 GHz, FCBGA1356, 15 W TDP)
	<b>Memory</b>	2x DDR4 2133 SO-DIMM up to 16 GByte
<b>Video</b>	<b>Graphics</b>	Intel® HD Graphics 520
	<b>Display Size</b>	18.5 inch 21.5 inch
	<b>Aspect Ratio</b>	16:9 16:9
	<b>Backlight</b>	LED LED
	<b>Resolution</b>	1366 x 768 WXGA 1920 x 1080 Full HD
	<b>Brightness (cd/m<sup>2</sup>, typ.)</b>	300 250
	<b>Contrast Ratio (typ.)</b>	1000:1 5000:1
	<b>Color</b>	16.7M 16.7M
	<b>Viewing Angle (L/R/H/L)</b>	85° / 85° / 80° / 80° 89° / 89° / 89° / 89°
	<b>Touch</b>	10-point PCT 10-point PCT
	<b>Display Interface</b>	1x HDMI 2.0 (on rear, 3840 x 2160 @ 60 Hz) 1x DP (on rear, 4096 x 2304 @ 60 Hz)
	<b>Multiple Display</b>	Triple
<b>Audio</b>	<b>Audio Codec</b>	Realtek ALC662
	<b>Audio Interface</b>	2x Speaker-out (3 W) 1x Line-in (on rear) 1x Line-out (on rear) 1x Mic-in (on rear)
<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 3.0 (Type A on rear)
	<b>Serial Port</b>	2x RS232/422/485 (DB9 on rear, w/ auto flow control for RS485)
<b>Storage &amp; Expansion</b>		1x 2.5" SATA 3.0 HDD / SSD 1x mPCIe (full size) 1x M.2 Key B Socket (mixed w/ USB 2.0 or SATA) 1x SIM Card Cage (optional, switchable for mPCIe or M.2)
<b>Power</b>	<b>Connector</b>	Phoenix Connector (on rear)
	<b>Input Voltage</b>	DC 12 V
<b>Firmware</b>	<b>BIOS</b>	AMI uEFI BIOS w/ 128 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>TPM</b>	Supported (Infineon SLB 9660 TPM 1.2)
	<b>iAMT</b>	Supported
<b>System Control</b>	<b>Button &amp; Switch</b>	1x Power Switch (on rear)
<b>Cooling</b>	<b>Cooling Method</b>	Passive
<b>Software</b>	<b>OS Support</b>	Windows 7, Windows 8, Windows 10, Linux
<b>Mechanical</b>	<b>Construction</b>	Glass Surface + Slim Aluminum Frame + Metal Chassis + Aluminum Heat Sink
	<b>Dimensions (W x H x D)</b>	483 mm x 304 mm x 57 mm 542.6 mm x 339.2 mm x 59.8 mm (19.02" x 11.97" x 2.24") (21.36" x 13.35" x 2.35")
	<b>Weight</b>	5800 g (12.79 lb) 7000 g (15.43 lb)
	<b>Mounting</b>	VESA Mount, Panel Mount
<b>Environmental</b>	<b>Operation Temperature</b>	0 °C ~ 50 °C / 32 °F ~ 122 °F
	<b>Storage Temperature</b>	-20 °C ~ 70 °C / -4 °F ~ 158 °F
	<b>Humidity</b>	0 % ~ 95 %
<b>Certification</b>	<b>EMC &amp; Safety</b>	CE, FCC Class A
	<b>Ingress Protection</b>	IP65 (front)

## ▶ ORDERING INFORMATION

ARTICLE	DESCRIPTION
SmartClient-SLU1-185-P	18.5" 16:9 10-point PCT, Intel® Core™ i7-6600U
SmartClient-SLU1-215-P	21.5" 16:9 10-point PCT, Intel® Core™ i7-6600U
SmartClient-SLU2-215-P	21.5" 16:9 10-point PCT, Intel® Core™ i5-6300U
OPTIONAL ACCESSORIES	
VESA MOUNTING KIT	Hole pattern: 100 mm x 100 mm & 75 mm x 75 mm, dimension: 163 mm x 130 mm
POWER ADAPTER	AC to DC, 100 V ~ 240 V
POWER CORD	

## ▶ GLOBAL HEADQUARTERS

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