

# BIS-W19C-ULT4

18.5" Medical Panel PC with 7th Generation Intel® mobile ULT Core™ i5/Celeron® processor



## Features

- » 18.5" 16:9 LED panel (1366 x 768 / 1920 x 1080)
- » 7th generation Intel® Core™ i5-7300U and Celeron® 3865U CPU
- » Projected capacitive touchscreen supports multi-touch
- » IP65 compliant front bezel
- » Anti-bacteria cover
- » HDMI™ input supported (monitor mode)
- » Optional 3-in-1 card reader: MSR, SCR and fingerprint
- » Optional Mifare RFID module
- » Optional VoIP phone handset
- » Optional handle module with barcode scanner and reading light

## Specifications

Communication	
Bluetooth	Bluetooth V4.1
Wi-Fi	IEEE 802.11 a/b/g/n/ac 2T2R module
Display	
Backlight MTBF(hrs)	30000 (LED backlight) / 50000 (LED backlight)
Brightness(cd/m2)	250/350
Contrast Ratio	1000:1
LCD Size	18.5" (16:9)
Max Resolution	1366 (W) x 768 (H) / 1920 (W) x 1080 (H)
Environment	
Humidity	10% to 95% (non-condensing)
IP Level	IP65 compliant front panel
Operating Shock	Operating Shock: 5G peak acceleration (11ms duration) Non-Operating Shock: 15G peak acceleration (11ms duration)
Operating Temperature	0°C~40°C
Operating Vibration	1G
Storage Temperature	-20°C~60°C
I/O Interface	
Audio	2 x 2W speaker Side:1 x Audio out, 1 x Mic in
Ethernet	Rear:1 x GbE LAN port Bottom:1 x GbE LAN port
Other Features	
Ambient Light Sensor	Ambient light sensor for panel brightness adjustment
Camera	2-megapixel CMOS front-facing camera with auto-focus and digital microphone
LED Light Bar	RFID indicator LED
OSD Function	1 x LCD on/off 1 x Brightness up 1 x Brightness down

	1 x Volume up
	1 x Volume down
	1 x Touch lock button for cleaning
	Combinations:
	1 x Auto-dimming on/off
<b>Physical Characteristics</b>	
Construction	ABS+PC plastic with anti-bacterial material
Dimensions (LxWxH) (mm)	478.6 x 317.3 x 60.1 mm
Mounting	Wall, Stand and Arm VESA 100/75
Net Weight	6.5 kg
<b>Power</b>	
Input	1 x 12~28V DC Jack
Power adapter	120W medical power adapter: Input: 100V~240V AC, Output: 19V DC
<b>System</b>	
Cooling method / System Fan	Fan-less
CPU	Intel® Kabylake ULT platform Core™ i5-7300U and Celeron® 3865U
HDD	1 x 2.5" SATA 6Gb/s HDD bay
Memory Max.	32G
On-board Memory	Two 260-pin 2133/1866 MHz dual-channel 4G DDR4 non-ECC unbuffered SO-DIMMs
<b>Touch</b>	
Touch Screen	Projected capacitive type with USB interface
<b>I/O Interface</b>	
I/O Interface	1 x DC Input Jack
	2 x HDMI™ (1 x HDMI™ Input (side); 1 x HDMI™ Out (Bottom))
	2 x LAN (1 x rear, 1 x bottom)
	1 x Line out
	2 x Mic (1 x digital microphone (front); 1 x side)
	1 x RS-232 (rear 1.5kV isolation)
	2 x USB 2.0 (2 x side)
	4 x USB 3.0 (2 x rear, 2 x bottom)

## Ordering Information

BIS-W19CF-ULT4-i5/PC/4G-R10	18.5" 350 cd/m <sup>2</sup> 1920x1080 Panel PC with Intel® 14nm 7th Generation Mobile Core™ i5-7300U on-board processor (ULT), 1*4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R10
BIS-W19CF-ULT4-C/PC/4G-R10	18.5" 350 cd/m <sup>2</sup> 1920x1080 Panel PC with Intel® 14nm 7th Generation Mobile Celeron®3865U on-board processor (ULT), 1*4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R10
BIS-W19C-ULT4-i5/PC/4G-R10	18.5" 250 cd/m <sup>2</sup> 1366x768 Panel PC with Intel® 14nm 7th Generation Mobile Core™ i5-7300U on-board processor (ULT), 1*4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R10
BIS-W19C-ULT4-C/PC/4G-R10	18.5" 250 cd/m <sup>2</sup> 1366x768 Panel PC with Intel® 14nm 7th Generation Mobile Celeron®3865U on-board processor (ULT), 1*4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touchscreen, 2M camera, microphone, R10

## Packing List

1 x power adapter	1 x power cord
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