

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 |
| Physical Characteristics | |
| 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 |
| Power | |
| Input | 1 x 12~28V DC Jack |
| Power adapter | 120W medical power adapter: Input: 100V~240V AC, Output: 19V DC |
| System | |
| 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 |
| Touch | |
| Touch Screen | Projected capacitive type with USB interface |
| I/O Interface | |
| 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

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| BIS-W19CF-ULT4-i5/PC/4G-R10 | 18.5" 350 cd/m ² 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 ² 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 ² 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 ² 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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