

RISC Based PC



New



New



PoE

New



| Model Name | | IOVU-430M | IOVU-430S | IOVU-570M | IOVU-572M | IOVU-751R | IOVU-752S |
|-------------------------|-------------------------------------|--|--|--|---|--|--|
| System | CPU | XScale® PXA270 416 MHz | Samsung S3C2416 400MHz | XScale® PXA270 520 MHz | XScale® PXA310 624 MHz | Alchemy™ AU1250 500 MHz | Samsung S3C6410 ARM11 677 MHz |
| | Operating System | Win CE 5.0 | Win CE 6.0 | Win CE 5.0 | Win CE 6.0 | Win CE 5.0 | Win CE 6.0 |
| | Bootloader Storage | 2 MB | 128MB | 2 MB | 128 MB | 2 MB | 128 MB |
| | RAM | 128 MB SDRAM | 128 MB SDRAM | 128 MB SDRAM | 256 MB DDR2 | 256 MB DDR2 | 256 MB DDR2 |
| | Program Storage Area | 1GB miniSD card | Bootloader Storage | 1GB SD card | Bootloader Storage | 1GB SD card | Bootloader Storage |
| Display | LCD Size | 4.3" | 4.3" | 5.7" | 5.7" | 7" | 7" |
| | LCD Color | 262 K | 262 K | 262 K | 262 K | 262 K | 262 K |
| | Display Resolution | WQVGA | WQVGA | VGA | VGA | WVGA | WVGA |
| | LCD Brightness (cd/m ²) | 500 | 500 | 400 | 400 | 500 | 500 |
| | Dot Pitch (mm) | 0.066(H) x 0.198(V) | 0.066(H) x 0.198(V) | 0.06(H) x 0.18(V) | 0.06(H) x 0.18(V) | 0.064(H) x 0.191(V) | 0.1905(H) x 0.1905(V) |
| | Viewing Angle (H-V) | 140 / 110 | 140 / 120 | 140 / 100 | 140 / 100 | 140 / 100 | 140 / 130 |
| | Backlight MTBF | 10000 | 20000 | 50000 | 50000 | 50000 | 50000 |
| | Touch Screen | 1. Projected Capacitor Type 2. Resistor Type | Resistor Type | Resistor Type | Resistor Type | Resistor Type | Resistor Type |
| | Multimedia Support | MPEG 1 | MPEG-1/2/4/H.263 | MPEG 1 | MPEG 1 | MPEG 1/2/4 and WMV9 | MPEG-4/H.263/H.264 |
| I/O and Communication | I/O Interface | 1 x RS-232/422/485 (software controllable) 1 x Reset button 1 x 10/100Mbps LAN 1 x USB1.1 host 1 x CAN-bus 2.0b 6 x GPIO(voltage range 2.97V~3.63) 1 x 2-pin terminal block DC input 1 x miniSD card slot | 1 x RS-232/422/485 COM port (software controllable) 1 x Reset button 1 x 10/100Mbps LAN 1 x USB1.1 host 1 x CAN bus 2.0b 6 x GPIO (voltage range 2.97V~3.63) 1 x 2-pin terminal block DC input 1 x miniSD card slot | 1 x RS-232/422/485 (software controllable) 2 x 10/100Mbps LAN 2 x USB1.1 host 1 x SD card slot 1 x Reset button 1 x AT mode power switch 1 x 2-pin terminal block DC input | 1 x RS-232/422/485 (software controllable) 2 x 10/100Mbps LAN 2 x USB 1.1 host 1 x SD card slot 1 x Reset button 1 x AT mode power switch 1 x 2-pin terminal block DC input | 1 x 4-wired RS-232/422/485 (software controllable) 1 x RS-232 2 x 10/100Mbps LAN (one supports PoE) 2 x USB 2.0 host 1 x Reset button 1 x AT mode power switch 1 x 2-pin terminal block DC input 1 x Power jack | 1 x RS-232 COM port 1 x RS-232/422/485 COM port (software controllable) 1 x 10/100Mbps LAN (supports PoE) 2 x USB 2.0 host 1 x Reset button 1 x On/Off power switch 1 x Power jack |
| | Audio | 2 x 1W speaker | 2 x 1W speaker | 2 x 1.5W speaker | 2 x 1.5W speaker | 2 x 1.5W speaker | 2 x 1.5W speaker |
| | Wireless LAN | 802.11 b/g | 802.11 b/g | 802.11 b/g | 802.11 b/g | N/A | N/A |
| | Construction Material | ABS + PC Plastic | ABS + PC Plastic | ABS + PC Plastic | ABS + PC Plastic | ABS + PC Plastic | Aluminum (Al 6061) |
| Dimensions | Net Weight (kg) | 0.6 | 0.7 | 0.7 | 0.7 | 0.8 | 1.2 |
| | Front Panel Color | Black | Black | Black | Black | Black | Silver |
| | Dimensions (W x H x D mm) | 145 x 104 x 34 | 145 x 104 x 34 | 180 x 135 x 45 | 180 x 135 x 46 | 226 x 140 x 41 | 188 x 124 x 40 |
| | Operating Temperature (°C) | 0°C~50°C | 0°C~50°C | -20°C~60°C | -10°C~ 60°C | -20°C~60°C | -10°C~ 60°C |
| Environmental and Power | Front Panel Protection | IP64 compliant | IP65 compliant | IP64 compliant | IP64 compliant | IP64 compliant | IP64 compliant |
| | Power Mode | AT | AT | AT | AT | AT | AT |
| | Power Requirement | 12~36V DC input | 12~36V DC input | 12~36V DC input | 12~36V DC input | 6~30V DC input | 6~30V DC input |
| | Power Consumption | 7 W | 7 W | 14 W | 14 W | 14 W | 14 W |
| | Vibration and Shock | 1. Axes: 3 axes (Vertical / Transverse / Longitudinal) 2. 10 ~ 500Hz, 60min/axis 3. Equivalent to Z: 2.18Grms, X: 1.6Grms, Y: 1.96Grms | | | | | |
| | Humidity | 5%-90% RH | 5%-90% RH | 5%-90% RH | 5%-90% RH | 5%-90% RH | 5%-90% RH |

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IEIMobile Solutions

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Automation Panel Solutions

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RISC-based Solutions

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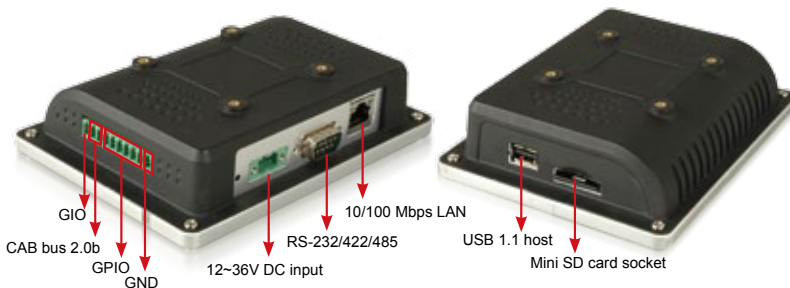
PACSmate Medical Solutions

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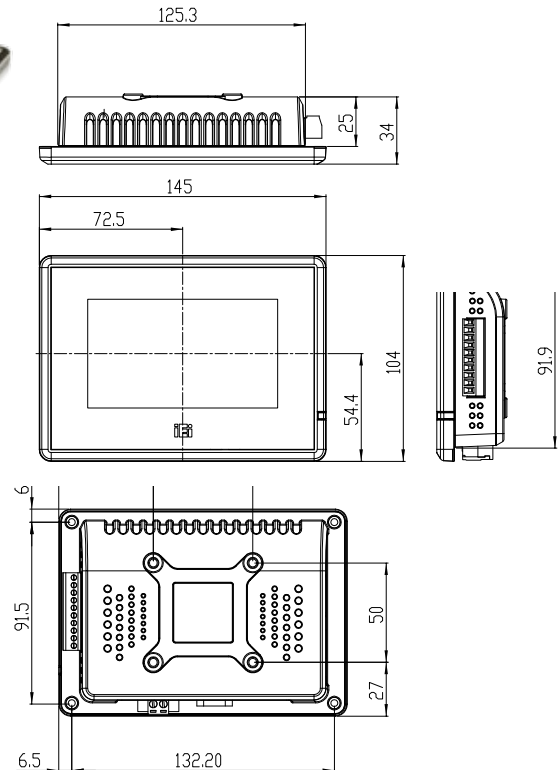
Optional Peripherals

IOVU-430S **New**

- 4.3" TFT WQVGA LCD with resistive touchscreen
- Samsung S3C2416 400MHz CPU
- Powered by Windows® CE 6.0
- Built-in Ethernet LAN and optional Wi-Fi
- Built-in CAN bus 2.0b and GPIO
- Built-in RS-232/422/485 Port
- Built-in RS-232/422/485 Port



Dimensions (Unit: mm)



Packing List

- 1 x IOVU-430S
- 1 x Null modem cable
- 1 x Screw kits
- 1 x Utility CD includes SDK, utilities, and technical document
- 1 x Touch pen (only for single touch mode)

Options

| Part No. | Description |
|-------------------------|--|
| 63000-FSP060DBAB1555-RS | 12V/5A DC 60W power adapter with bare wire, 90~264V AC input |
| IOVU-430M-IWC/B/-R10 | In-wall cage (Black) |
| IOVU-430M-IWC/W/-R10 | In-wall cage (White) |

Ordering Information

| Part No. | Description |
|--------------------------|--|
| IOVU-430S-CE6/ST/-R10 | RISC Panel PC, 4.3" LCD, ARM S3C2416X40-Y640 400MHz CPU, 128MB SDRAM, Win CE6.0, RoHS |
| IOVU-430S-CE6/ST/WL/-R10 | RISC Panel PC, 4.3" LCD, ARM S3C2416X40-Y640 400MHz CPU, 128MB SDRAM with 802.11b/g WiFi function, Win CE6.0, RoHS |

- 1 iE Mobile Solutions
- 2 Automation Panel Solutions
- 3 RISC-based Solutions
- 4 PACSmate Medical Solutions
- 5 Optional Peripherals