Stay Connected, Stay Informed, Stay Ahead

iEiMobile®

IEIMobile, established as an independent business unit by IEI Technology and the ICP group, is a professional mobile solution provider seeking to revolutionize the way people work. Our goal is to provide our customers with reliable, affordable and ready-to-use mobile devices by developing mobile industrial products with the most advanced communications and easy-to-use mobile applications.

Mobile Systems

■ Tablet PC

New
RFID 123456789
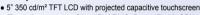
ICEFIRE 2
Mobile Clinic Assistant
- 10.4" TFT XGA LCD
- Intel® Atom™ N2800 CPU
- Windows® Embedded Standard 7 OS

New

ICECARE-05
Enterprise Tablet PC
- 5" 350 cd/m² TFT LCD with projected capacitive touchscreen
- Texas Instruments Sitara™ ARM® Cortex™-A8 CPU with Android 4.1.2 OS
- Bluetooth and Wi-Fi , 5-megapixel CMOS camera
- Optional HF / UHF RFID reader

New

ICECARE-07
Mobile Field Assistant
- TI Sitara™ ARM® AM3715 CPU and Android 4.1 OS
- 1D Laser/ 2D imager scan engine, RFID reader
- Bluetooth 2.1 , Wi-Fi, 3.5G wireless with built-in GPS
- IP54 and 1M drop test

■ Industrial PDA

Thermal Printer

MODAT-100
3.5" Mobile POS/Ticketing
- Marvell® PXA 310 624MHz CPU
- Built-in Windows® Embedded Handheld 6.5 OS
- 1D barcode reader, SCR, MSR and 2" thermal printer
- Wi-Fi, Bluetooth 2.1 , 3.5G and GPS

MODAT-200
Order Entry PDA
- Samsung 667 MHz ARM11 CPU
- Built-in Windows® Mobile 6.5 OS/Windows® CE 6.0 OS
- USB 1.1 Host/Client 2.0
- Built-in Wi-Fi and Bluetooth wireless communication

New
RFID 123456789

MODAT-335A
Field Service Terminal
- Marvell® PXA 310 624MHz CPU
- Built-in Windows® Embedded Handheld 6.5 OS / Android 4.1 OS
- 1D/2D barcode reader, RFID, handle grip and UHF
- Wi-Fi, Bluetooth 2.1 , 3.5G and GPS

■ In-Vehicle Computing

VTT-1000-WiFi
Vehicle Tracking Terminal
- 3.5" TFT LCD touch screen
- Embedded with ARM9 400MHz CPU
- Pre-installed Windows® CE 6.0
- Built-in GSM/GPRS and Wi-Fi

New

iKarPC-Lite
7" In-Vehicle Computer
- TI Sitara™ ARM® Cortex™-A8 CPU
- Android 4.1 OS
- Bluetooth, Wi-Fi, 3G and GPS
- CAN-bus supports OBD-II

GPS CAN UHF

AVL-3000
Auto Data Server
- Intel® Atom™ N2600 Cedar View
- Microsoft® Windows Embedded Standard 7 E OS
- UHF RFID reader and 4-channel video capture
- CAN-bus support OBD-II/FMS/J1939

■ RISC Based PC

New

IOVU-430S
Feature
- 4.3" TFT WQVGA LCD with projective capacitive touchscreen
- XScale® PXA270 416 MHz CPU with CE5.0
- Built-in LAN,CAN-bus 2.0b and GPIO and optional Wi-Fi
- Built-in RS-232/422/485 Port

New

IOVU-572M
Feature
- 5.7" TFT VGA LCD with resistive touchscreen
- XScale® PXA310 624MHz CPU
- Powered by Windows® CE 6.0
- Built-in Ethernet LAN and Wi-Fi

New

IOVU-752S
Feature
- 7" TFT WVGA LCD with resistive touchscreen
- Samsung S3C6410 ARM11 677MHz CPU
- Powered by Windows® CE 6.0
- Built-in Ethernet LAN

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Mobile Systems-2013-V10

The World of Smart Living and Automation

RISC Based PC

IEIMobile's RISC Based PC (Input and Output Viewer) series enables the great embedded flexibility for smart living and automation applications. Built with a XScale or Alchemy CPU, LCD display, touch screen, I/O peripherals, and pre-installed Windows® CE 5.0 , CE 6.0, or embedded Linux, the IOVU series provides the most cost-effective and stable solution for a diverse range of embedded PC applications. The supported software includes thin client technology, remote management tool , embedded OS SDK (software development kit) and BSP (board support package).

►►Equipped with RISC CPU and Windows® CE embedded OS, the RISC Based PC series offer high-performance computing power, fanless design, low-power consumption, wide operating temperature, and wide-input-voltage range.

►►The RISC Based PC series is designed for high durability in harsh environments, due to its rugged, compact, low power consumption, and embedded system hardware design without failure-prone hard disk and fan. Each model is equipped with an IP 65 or IP 64 compliant front panel to protect against accidental contacts of foreign bodies and against water.

►►Each RISC Based PC is driven by an powerful RISC CPU with built-in WDT (Watchdog Timer) functions. It has a touch screen TFT display, and comes with a series of integrated external peripheral connectors including Ethernet ports, serial ports, USB ports, audio ports, SD Card slot, and optional wireless communication modules supporting Wi-Fi 802.11 b/g, Bluetooth, GPS, or GSM/GPRS.

| Fanless | Wi-Fi | RS-232 /422/485 | Watchdog Timer | Wide Temperature | Speakers | Dual LAN | Linux | Windows CE 5.0 | Windows 6.0 |

RISC Based PC

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/m²)	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 hrs.	20000 hrs.	50000 hrs.	50000 hrs.	50000 hrs.	50000 hrs.
	Touch Screen	1. Projected Capacitive Type 2. Resistive Type	Resistive Type	Resistive Type	Resistive Type	Resistive Type	Resistive 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 USB 1.1 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 USB 1.1 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 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 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	802.11b/g	802.11b/g	802.11b/g	802.11b/g	N/A	N/A

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Complete Line of Innovative Display Solutions

Rich Variety to Match a Diverse Array of Applications

IEI invests significantly in research and development to provide more consumer-oriented and application-specific products. Extensive design and production experience allows IEI to create products for a wide range of industries, including health care, retail, factory and home automation.

Display Systems

Light Industrial Panel PC

General Purpose *New*

AFL2-W21A

AFOLUX GEN II Series

● W7"~W21.5" stylish flat bezel design with plastic housing
● Resistive touch or projected capacitive touch for option
● EM/Mifare RFID reader by option

Vertical Market

AFL-412A

AFOUX Vertical Market Series

● In-wall mounting: easy to install with changeable front bezel
● Built-in webcam/speaker/digital microphone

Heavy Industrial Panel PC

General Purpose

PPC-5152A

PPC Series

● 8.4"~19" rugged panel PC with metal housing
● IP 64/IP 65 protection
● Flexible expansion interface

Vertical Market *New*

UPC-V315

PPC Vertical Market Series

● Redundant power backup
● Sunlight readable LCD
● IP 65/IP 67 waterproof protection

Display Monitor

SRM-150GS

● **DM series** - Industrial monitors
● **SRM series** - Sunlight readable monitors
● **TDM series** - Extended temperature monitors
● **LCD-KIT series** - Open frame LCD monitors
● **AFOLUX monitor** - Multiple video input monitors

Display Workstation

WS-612GS

● **WS series** -
Heavy-duty and expandable with different CPU performance configuration
● **RPC/EC series** -
Easy rack-mount industrial workstation

Display Console

LKM-9268

● **LKM series** -
1-port/8-port LCD KVM switch

Celebrate Humanity with Technology

PACSmate®

PACSmate Technology Inc.

Point-of care medical panel PCs support high performance Intel® Core™ i series or Celeron® processor with Intel® HM55 chipset. IEI provides 17"/19" big screen size for medical use, optimizing the applications as an information processing terminal. The user-friendly touch screen gives user easier way to process data input, making POC a perfect information terminal. IEI's medical touch panel PCs with high CPU efficiency are the best choice for the users to strengthen the model function with a variety of peripheral devices.

Diagnostic Display

PACS Diagnostic Application

High-Resolution Monochrome Monitor	MMD-5201M 12-bit 5MP	MMD-3213M 12-bit 3MP	MMD-2213M 12-bit 2MP
LCD Size	20.1"	21.3"	21.3"
Resolution	2560 x 2048	2048 x 1536	1600 x 1200
Max. Luminance	Typical: 850cd/m² Calibrated: 600cd/m²	Typical: 800cd/m² Calibrated: 600cd/m²	Typical: 1000cd/m² Calibrated: 600cd/m²
High-Resolution Color Monitor	MMD-4300C 30-bit 4MP	MMD-3213CH 30-bit 3MP Super High Brightness	MMD-2213CH 30-bit 2MP Super High Brightness
LCD Size	30"	21.3"	21.3"
Resolution	2560 x 1600	2048 x 1536	1600 x 1200
Max. Luminance	Typical: 370cd/m² Calibrated: 250cd/m²	Typical: 800cd/m² Calibrated: 550cd/m²	Typical: 950cd/m² Calibrated: 550cd/m²

Clinical Review Display

Modality/Clinical Reviewing Application

Monochrome Monitor	MMC-2201M	Color Monitor	MMC-2201C	MMC-1190C	MMC-1170C
LCD Size	20.1"	LCD Size	20.1"	19"	17"
Resolution	1600 x 1200	Resolution	1600 x 1200	1280 x 1024	1280 x 1024
Max. Luminance	700cd/m² (typical)	Max. Luminance	300cd/m² (typical)		

Medication Cart

Nursing Application

- Integrated lead-acid or Li-Fe battery system
- Real-time battery status monitoring
- Easy-to-work and easy-to-clean
- Flexible configuration of storage space

Medical Panel PC

Model Name	POC-i Series	POC-5/A Series	POC-3/B-A320 Series
Feature	High-Performance	Fanless	With Back-Up Battery
LCD Size	17"/19"	17"	17"
Chipset	Intel HM55	Intel® GM45	Intel® GME965
CPU	Intel Core™ i7-620M 2.66G/ Core™ i5-520M 2.4G/ Core™ i3-350M 2.26G/ Celeron P4500 1.86G	Intel® Core™2 Duo T9400-2.53G/ T7500-2.2G/P8400 2.26G	Intel® Core™2 Duo T7500-2.2G/CM550-2.0G
2nd Display	VGA/HDMI	VGA/HDMI/DisplayPort	VGA/DVI
Power	AC 110~240V to DC 12V power adapter	AC 110~240V to DC 12V power adapter	AC 110~240V to DC 12V power adapter

Interactive Station

New

Model Name	IBS-19A Series
Feature	LED Dash Light System
LCD Size	19" PMVA wide viewing angle LED backlight
Chipset	Intel® H61
CPU	Intel® Core™ i5 2390T-2.5G/ i3 2100T-2.2G/Pentium® G620T 2.2G
2nd Display	HDMI
Power	AC 110~240V to DC 19V power adapter

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