



# Luffy Plus Mi10

Intel Atom based miniNOTE mainboard

This **Luffy Plus** Mi10 miniNOTE mainboard is built with Atom N270 processor with new low-power IA-32 micro-architecture of Intel, which is a single-core version of code-name Diamondville specially designed for low-power performance mobile platform, simple and affordable for email, instant messaging, internet browsing, video streaming, social networking and voice over IP.

The Mi10 is a good solution for 10~11" miniNOTE computers.

- Low-Power Micro-Architecture
- Simple and Affordable Mobile Platform
- Highly Compatible, High-Performance



**Winward™**



# Luffy Plus mainboard

Type	Series	CPU Chipset	Spec
mainboard	MV10	VIA Nano U2250 VIA VX800	•Applicable for 10~11" LCD •Available NOW
	Mi10	Intel Atom N270 945GSE+ICH7M	• Applicable for 10~11" LCD •Available NOW
	MV20	VIA Nano VIA VX855	•Applicable for 11~12" LCD •Available Soon

COMMON SPEC: 10/100M ethernet LAN, 4 status LEDs, HD Audio



# Luffy Plus Mi10

Intel Atom based miniNOTE mainboard

- **CPU :** Intel Atom N 270 processor (1.6Hz)
- **Chipset :** Intel 945GSE FSB 533MHz + ICH7-M
- **BIOS :** AMI (4Mb Flash)
- **Graphic :** Integrated GMA950 Graphics Media Accelerator with shared memory
- **Memory interface :** one 200pin SODIMM socket (DDR2 533 up to 2GB)
- **HDD interface :** one SATA socket (2.5" HDD/SSD)
- **LCM interface :** one LVDS 30pin 0.5pitch connector
- **WiFi interface :** one on-board mini PCI Express connector
- **PCI Express interface :** one on-board mini PCI Express connector  
\*reserved for 3G module, etc...
- **USB interface :** three external USB ports
- **Webcam interface :** one 5-pin on-board connector
- **Blue Tooth interface :** one 10pin blue tooth connector
- **Internet interface :** one RJ-45 10/100M LAN socket
- **Keyboard interface :** one FPC 24pin 1.0pitch connector
- **Multimedia interface :** one 3-in-1 SD/MMC/MS card slot
- **Touch Pad interface :** one 12pin 0.5pitch connector  
and two push buttons for left/right mouse keys
- **VGA interface :** one 15pin D-sub connector
- **Audio interface :** two 2pin 1.0pitch connectors for 2-ch stereo speakers  
and one headphone output jack
- **Microphone interface :** two 2pin 1.0pitch connectors for Digital and Analog input  
and one microphone input jack
- **Battery interface :** one 5pin 2.5pitch connector (11.1V)
- **Cooler Fan interface :** one 3pin 1.0pitch connector
- **Power interface :** one 19V input jack (50W recommended)
- **Switch interface :** on-board Power switch and Wireless LAN switch
- **Reset interface :** one on-board push button
- **Status LED interface :** on board LEDs for Power, HDD, Wireless LAN and Battery
- **Board size :** 270.3 x 159 x 17.9mm

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