CMPC-N455

Classmate PC

Specification Sheet

CPU	**Intel Pineview-M**	**Intel® AtomTM processor N455 1.66GHz/512K L2 / VGA graphics interface Display interface – Digital LVDS interface DDR3 System Memory interface / C3/C4 support**
Memory	**DDR3 SDRAM**	**DDR3 667 So-DIMM DRAM module 1GB/2GB(Only support Raw card type A or B) So-DIMM 204-pin socket * 1**
Core Logic	**Tiger Point**	**Intel® NM10 Express Chipset / Support SATA controller Support USB 2.0 / Support Azalia controller**
Audio Codec	**Realtek ALC269-VA**	**Azalia integrated audio Analog 2.1 / D3 mode support**
KBC/EBC	**ITE IT8502E Rev. NX**	**ACPI 2.0b compliant / RS232 support Sharing System BIOS ROM for KB & EC Codes**
TPM	**Winbond WPCT201IA0WG**	**Power saving mode / LPC interface / Security features**
LAN Controller	**Realtek RTL8103T-VB-GRT**	**Supports 10 and 100 Mb/sec. Full and half Duplex operation**
Wireless LAN	**LiteOn / AzureWave**	**Half Mini-card form factor Wi-Fi 802.11 B/G/N 1x2 Open mesh support on Linux only / PCI-E interface**
Keyboard	**Sunrex**	**Integrated QWERTY keyboard W/ Hot key 83 UK / 84 US KEY K/B / Multi-languages Supported**
Pointing Device	**Synaptics**	**PS/2 Touch Pad with Left and Right Click Button and scrolling Bar**
LCD	**HSD/CPT/Innolux**	**TFT Color LCD, LED Backlight 10.1" with 1024X600 (Anti-Glare)**
Storage	**2.5" HDD**	**Single-HDD for 2.5" 9.5mm SATA support Support SATA 2.0 / 5400rpm support / 250G**
Card reader Controller	**Realtek RTS5138**	**Support SD / SDHC/ MMC Memory Card. USB 2.0 interface / Support boot from CR**
G-sensor	**ADI**	**HDD protection**
Battery	**SMP/GLW/BMS**	**3 cell 3S1P * 11.1V / 2200mAH (3S1P), 3.7V/2200mAH LG/BAK cell**
AC-Adapter	**Li-Shin/Delta/Liteon**	**Automatics Voltage adjustment between 100 and 240VAC 50/60Hz 40Watts / 19V/40W Supports 2pin and 3 pin power cord**
I/O Port	**1 x DC-in jack (2.5Ø) / 3 x USB 2.0 ports / 1 x RJ-45 LAN 2 x Jacks for Micro-in/headphone: a). External Mic-in jack 1/8" b). External headphone jack 1/8" 1x D-Sub 15Pin VGA port / SD/SDHC/MMC memory card support**	
Speaker	**Build-in 2 speakers / Speaker: 1.5W x 2**	
Camera	**USB2.0 interface / 30fps @ 640x480, 0.3M 7~9 fps@ 1280x1024,1.3M / Driver / AP support Windows XP/ Linux**	
OS	**Support Windows XP Professional/ Home edition(SP3) Support Windows 7 Starter, Home Basic, Home Premium, Professional**	
System BIOS Phoenix	**Support PnP & ACPI 2.0 / Support external USB flash memory card boot up**	
Measurements	**Dimension: 267.6mm W x 237.22mm H x 29.9~34.7mm <with Handle> Weight: 10.1" W LCD /SSD/ CAM/ 3cell battery pack: 1.33 Kg**	
Battery Life	**Battery Charge time 3.5 hrs (Fast charge) Battery Life: 3 cells (2200mAH) 3 hrs (w/ HDD)~ 3.5 hrs (w/ SSD) Base on 10.1" LCD and defined brightness, Wi-Fi off, and camera disabled. Actual battery life may vary based on product settings, usage patterns and environmental conditions.**	
Certification	**EMC**	**CE / FCC / CCC**
	RF	**FCC&SAR / R&TTE**
	Safety & Environment	**UL / CB / CCC / WEEE RoHS (Restriction of Hazardous Substances, EU directive 2002/95/EC + amendments) Energy Star Compliance 5.0**

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