10F-1, No. 560, Sec. 4, Zhongxiao E. Road, Taipei 11071, Taiwan Tel 886-2-2722-4928 Fax 886-2-2722-1201

PNS1010

DDR3

Specification

Rev 1.0

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<table>
<tr><td>1. Dimension</td><td>- 260mmx186mmx18.5mm (front side)
- 260mmx186mmx 22mm (rear side)</td></tr>
<tr><td>2. Weight</td><td>- 1.3Kg with 3cell battery and 2.5” HDD -</td></tr>
<tr><td>3. CPU</td><td>- Intel® Atom™ Processor N455 / N475</td></tr>
<tr><td>4. Chipset</td><td>- Intel® NM10 Express Chipset</td></tr>
<tr><td>5. Memory</td><td>- No on board memory
- Support DDR-III 667MHz
- One SODIMM with 1GB/2GB module
Supported DDR3 SO-DIMM Module Configurations
<table>
<tr><th>Raw Card Type</th><th>DIMM Capacity</th><th>DRAM Device Tech.</th><th>DRAM Organization</th><th># of DRAM Devices</th><th># of Ranks</th><th># of Banks</th></tr>
<tr><td>A</td><td>1 GB</td><td>1 Gb</td><td>64M x16</td><td>8</td><td>2</td><td>8</td></tr>
<tr><td>A</td><td>2 GB</td><td>2 Gb</td><td>128M x 16</td><td>8</td><td>2</td><td>8</td></tr>
<tr><td>B</td><td>1 GB</td><td>1 Gb</td><td>128M x 8</td><td>8</td><td>1</td><td>8</td></tr>
<tr><td>B</td><td>2 GB</td><td>2 Gb</td><td>256M x 8</td><td>8</td><td>1</td><td>8</td></tr>
</table></td></tr>
<tr><td>6. HDD</td><td>- 9.5mm, 2.5" S-ATA HDD, 5400rpm, 160/250/320 GB capacity
- Easily removable</td></tr>
<tr><td>7. Display</td><td>- Support 10.1” W, 1024 x 600</td></tr>
<tr><td>8. Graphics Chip</td><td>- UMA</td></tr>
<tr><td>9. Audio</td><td>- Realtek ALC272
- 2 channel HD Audio
- Compliant with Universal Audio Architecture
- Microphone-in and headphone-out
- Two stereo 1.0W speakers with chamber</td></tr>
<tr><td>10. Communication
A. LAN
B. WLAN
C. 3G module
D. Camera
E.Bluetooth(Option)</td><td>
A. Realtek RTL8103EL
B. Wireless LAN, 802.11b/g, 802.11n via PCI-E interface
C. 3G module via USB2.0 interface
D. 1.3M Pixel CMOS via USB2.0 interface
E. Bluetooth Ver. 2.1 module with USB2.0 interface</td></tr>
<tr><td>11. Keyboard</td><td>- 84/85 keys support with 100/101 key emulation
- Windows key, Application key
- 17mm pitch, 2.0mm travel length</td></tr>
</table>

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	- Multi-Language support.
12. Pointing Device	- Touch Pad without buttons (support multi-touch)
13. Media card reader	- 3-in-1 Card Reader (SD, MMC, MS)
14. I/O ports	- RJ-45 jack x 1 - Headphone-out x 1 - Microphone-in x 1 - 3-in-1 Card Reader x1 - USB 2.0 x 3 - RGB: VGA port x 1, 15pins - DC-in jack x 1 - Kensington lock x 1 - Internal analog microphone x 1
15. System Status Indicators (UI spec)	- 1 LED for Power Button(Blue) - 1 LED for Power Status(Blue) - 1 LED for Battery status (Charging / Full / L1 / L2) (Blue/Amber) - 1 LED for HDD activity (Blue) - 1 LED for Wireless LAN/Bluetooth (Blue) /3G (Amber)
16.System Status Indicators(color definition)	- Blue LED blinking = while either Bluetooth or WiFi is accessing - Blue LED on = while both Bluetooth or WiFi are idle - Blue LED off = while Bluetooth and WiFi are both off - Amber LED on = When 3G on - Pink LED on= When WLAN/BT/3G are all on
17. Control buttons	- Power button x 1 - Magnetic lid switch control for system standby/resume
18. Killer Switch	- YES, for WLAN/3G/Bluetooth
19. AC Adapter	- Universal AC adapter. 100-240V AC, 50-60HZ ➢ 30W with 19V DC ➢ 2 pin 240V AC cable ➢ Wall-mount type
20. Battery	- 3-cell Li-On, 18650 type, 2250mAh (Standard) - 6-cell Li-On, 18650 type, 4500mAh (Option) - Life Cycle: 70% Design Capacity after 300 Cycles in 25degreeC
21. Software	- Phoenix BIOS - Flash ROM 1MB

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	- Support multi-boot - Suspend to RAM (S3)/Disk (S4) - Support SMBIOS 2.4 ,PCI2.2. - DMI utility for BIOS serial number configurable/asset tag - Support PXE - Wake on LAN from S3 - Wake on LAN from S4 in AC mode
22. Application	- Wireless select enable/disable - Lock key
23. OS	- Windows XP Home edition 32bit - Windows 7
24. Mini Card	- 1 Mini-card slot for WLAN module - 1 Mini-card slot for 3G module
25. Security	- Kensington lock
26. Regulatory	- EMI: FCC-B, CE, CCC, C-Tick, BSMI - Safety: Compliant to UL/CSA, TUV, CB - WHQL LOGO (Windows XP home, Windows 7) - Energy Star 5.0