

ONYX-MD70

7" Ultra Low Power Mobile Clinical Tablet



Features

- 7"(16:9) Wide Color TFT LED LCD Display (1280 x 800)
- NVIDIA TEGRA 2 @ 1GHz Dual Core Processor
- Projected Capacitive Multi-Touch Screen
- Fanless & Compact Design
- Loud Alarm speakers
- Long Battery working Hours
- WLAN 802.11 b/g/n with Internal Wireless Antenna
- Bluetooth 2.1 + EDR
- UVC Front Web camera (1.3MP)
- UVC Back Camera (5MP)
- 2D/3D Graphic Accelerator
- Android 3.2

Specifications

Main Specification	
Processor	NVIDIA TEGRA 2 @ 1GHz Dual Core Processor
System Memory	1GB DDR2
OS Support	Android 3.2
Expansion	1 x 802.11 b/g/n 1 x BT 2.1 1 x G-Sensor
System Storage	16GB eMMC Flash
User Storage	1 x External SD Socket
Display	
Size	7" Color TFT LED LCD
Resolution	1280 x 800
Max. Colors	16.7M
Luminance	250 nits
Dot Size(mm)	0.15 x 0.15
View Angle	75/75(H Right/Left) 70/75 (V Upper/Lower)
Contrast Ratio	500:1
Back Light Life Time (Hours)	50,000 Hours
Touch Screen	PCT Multi-Touch Screen
I/O	
Audio	1 x Line out / Line in (3.5mm Jack) 1 x Internal C-MIC
USB	1 x External USB2.0 (on bottom I/O)
Wireless	WiFi 802.11 b/g; BT2.1 + EDR
Video	1 x HDMI Out
Camera	UVC Camera (1.3MP front, 5MP back)
Speaker	High Quality Stereo Speakers
Support Content	Web Browser Data Base Access; BT Device
Mechanical and Environmental	
Front Bezel	IP64 in Front for easy cleaning
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 85°C
Vibration	Random / Operation 1 G, 5~500Hz
Shock	15G Peak Acceleration (11ms. Duration) in Operation
Noise	Fanless
Infection control	Anti-microbial bezel material (Optional)
EMC	CE/FCC Class B, (UL 60601-1, EN60601-1, undergoing approval)