

# C10L

## 10.4" Semi-rugged Tablet PC with AMD Geode LX800 Processor

Preliminary



CE FCC

### Features

- Efficient AMD Geode LX800 500MHz processor
- 10.4" transmissive TFT LCD SVGA panel, high brightness - 250 nits
- Rich I/O port array for application expansion
- IP53, drop proof up to 70 cm
- Fanless design
- 5 function keys
- Low power consumption processor
- Built-in WLAN and Bluetooth/ stand
- Light weight, 1.6 Kg

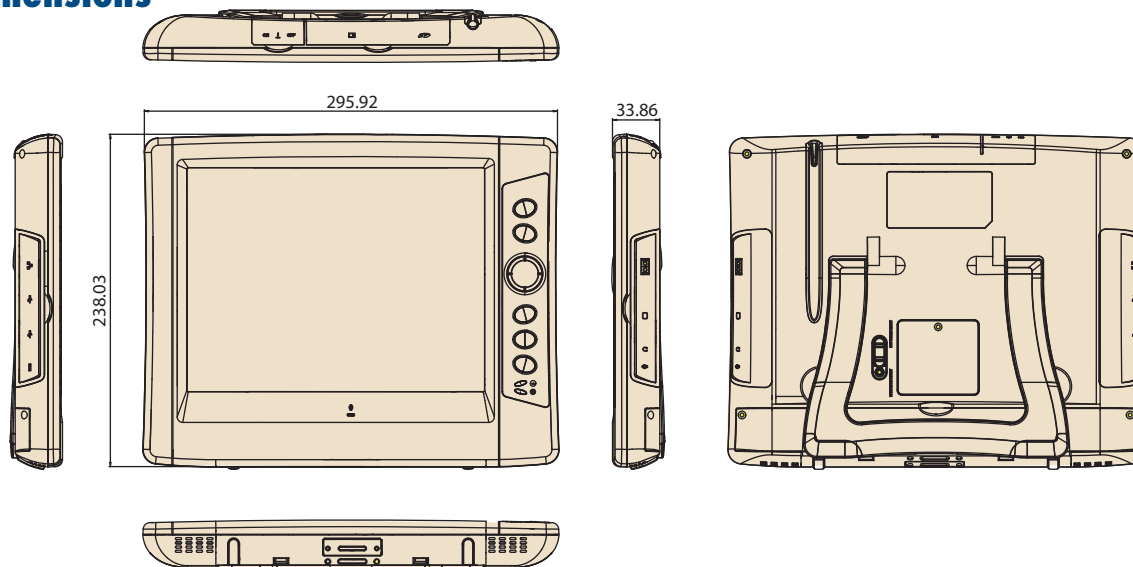
### Introduction

The C10L is a semi-rugged tablet PC featuring a 10.4" SXGA transmissive TFT-LCD display, and an AMD Geode LX800 500MHz processor. C10L is a fanless design with built in WIFI 802.11 a/b/g, and Bluetooth 2.0. C10L is certified as military grade ISO/IEC 17025, and has an IP53 rating guaranteeing protection against dirt, dust and water. S10A can withstand multiple drops of up to 70cm. Advantech C10L is a strong and rugged tablet PC for all kinds of commercial and industrial environments.

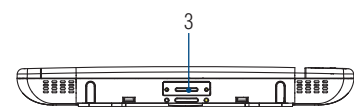
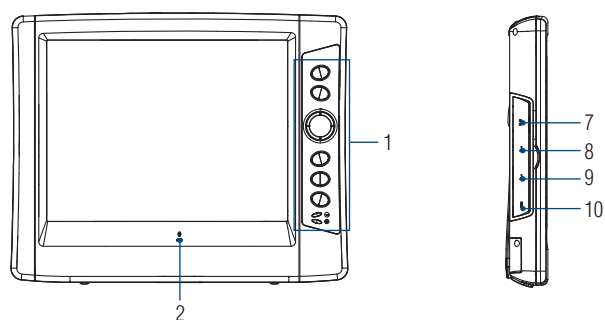
### Specifications

|                      |                        |                                                                                                                                                                                                                      |
|----------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor            |                        | CPU: AMD Geode LX800 500MHz                                                                                                                                                                                          |
| North Bridge         |                        | Chipset: AMD Geode CS5536                                                                                                                                                                                            |
| Graphics Chipset     |                        | Integrated GPU                                                                                                                                                                                                       |
| BIOS                 |                        | Insyde                                                                                                                                                                                                               |
| Audio                |                        | Realtek ALC655 AC97 codec                                                                                                                                                                                            |
| LAN chip             |                        | Realtek RTL811CSC                                                                                                                                                                                                    |
| Memory               |                        | Main RAM: 512GB SO-DIMMII DDR400 up to 1 GB                                                                                                                                                                          |
| Operating System     |                        | Microsoft Windows XP Embedded or XP Pro embedded                                                                                                                                                                     |
| Display              |                        | 10.4" Transmissive TFT LCD SVGA /800 x 600 / 250 nits CCFL back light                                                                                                                                                |
| Touch Panel          | Standard               | 4-wire resistive touch panel                                                                                                                                                                                         |
| Storage              | Hard Disk Drive        | CF type: 2GB/4GB/8GB/16G/32G CF card (industrial)<br>SSD type: Optional 1.8" SSD 32 GB/ 64 GB (MLC) SLC 32G                                                                                                          |
| Interface            | Device                 | Internal Speaker (1W x 2)                                                                                                                                                                                            |
|                      | Integrated Wireless    | Bluetooth class 2 v2.0 +EDR<br>802.11 a/b/g WLAN module                                                                                                                                                              |
|                      | Integrated Interfaces  | 1 x RS-232 port<br>2 x USB 2.0<br>1 x SD card slot<br>1 x RJ45 LAN port<br>1 x Audio jack external microphone<br>1 x Audio jack external headphone<br>1 x VGA-out connector<br>1 x DC-in Jack, 1 x docking connector |
|                      | Keypad / User Controls | 5 x Function key buttons<br>1 x Power switch<br>1 x Navigation button                                                                                                                                                |
| Power                | Battery                | 14.8V @ 2200 mAh ( internal battery )                                                                                                                                                                                |
|                      | AC Adapter             | Universal AC 100V-240V, 50-60Hz input, 19V, 3.16A output 60W<br>Internal battery: 2-3 hours                                                                                                                          |
| Environmental        | Temperature            | Operating: 0° to 40° C<br>Storage: -20° to 60° C                                                                                                                                                                     |
|                      | Temperature shock      | Operating - thermal shock (10 cycles) temp. -5° C ~ +45° C                                                                                                                                                           |
|                      | Humidity               | Relative humidity: 95%RH ± 3%                                                                                                                                                                                        |
|                      | IP Rating              | IP53                                                                                                                                                                                                                 |
| Dimension and Weight | Drop test              | Multiple 70 cm drop                                                                                                                                                                                                  |
|                      | Weight                 | 1.6 kg                                                                                                                                                                                                               |
| Agency Approvals     | Dimensions (W x H x D) | 295 x 238 x 30 ~ 39 mm (supports one stand)                                                                                                                                                                          |
|                      | Emissions              | ROHS,WEEE                                                                                                                                                                                                            |
|                      | EMC                    | CE, FCC, ETL-US, Semko-GS                                                                                                                                                                                            |

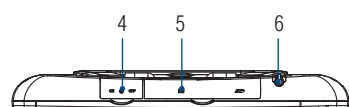
## Dimensions



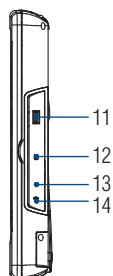
## I/O



3. Docking/cradle connector



4. Power switch  
5. SD card slot  
6. Stylus



11. RS-232 port  
12. VGA port  
13. Headphone  
14. Microphone

## Ordering Information

| Part Number       | Description                                                 |
|-------------------|-------------------------------------------------------------|
| C10L-G1C1C7-2FE0  | TPC10.4TSH XGA LX800 500 MHz 512M BT WLabg CF4G XPE FRENCH  |
| C10L-C1C1C6-2IE0  | TPC10.4LG SVGA LX800 500 MHz 512M BT WLabg CF2G XPE ITALIAN |
| C10L-91-CT11C-R01 | Accessory C10L cradle                                       |