



## Ctek G6200 Device Server

### Development & Deployment Platform

#### Complete 'ready-to-use' Linux device server

Out of the box the G6200 is ready to meet the demanding requirements of application development and rapid product deployment with a reliable load of Linux 2.6 and hardware interfaces to support almost any application. This means that your development efforts can bypass hardware design, manufacturing, supply chain issues, and agency certification to focus on what is critical to your success, your application. The G6200's Linux operating system and the available no cost G6200 SDK provides developers

with a kick-start to deployment on an advanced stable platform. The Ctek G6200 Device Server is shipped as a ready-to-use device, you simply connect, log on, and go to work. Once your application is complete, the software is simply flash-loaded to the Device Server Platform, using FTP (File Transfer Protocol). Enclosed in a durable aluminum casing, the Ctek G6200 is equipped with external connectors for dual 10/100 Ethernet, USB Host, USB Device, two RS-232 ports, and two RS-485 connections. Inside the case a micro SD memory slot is also provided.



- √ **Linux - 2.6**
- √ **No Charge SDK**
- √ **DRAM - 64MB**
- √ **Flash Memory - 256MB**
- √ **Ethernet - 2**
- √ **RS232 - 2**

- √ **RS485 - 2/4 wire**
- √ **USB Host**
- √ **USB Device**
- √ **Mass Storage - micro SD**
- √ **Power - 9 to 24VDC**
- √ **Minus 40 to Plus 85 C**



# Ctek G6200 Device Server

## Development & Deployment Platform

### Specifications

#### Operating Environment

- Processor - Atmel AT91SAM9G20
- Clock Speed – 400MHz
- OS – Linux 2.6 (currently 2.6.27)
- DRAM – 64 Mbytes
- Flash – 256 Mbytes (NAND)
- Power - 9 to 24 VDC

#### Development Environment

- No Charge/no royalties
- Linux 2.6 kernel
- Complete BSP
- Prebuilt boot loader
- Prebuilt Uboot
- BuildRoot for Glibc
- BuildRoot for uClib
- Nand and SD Flash tools

#### Communications Interfaces

##### Ethernet (RJ45)

Two (2) 10/100 base T auto automatic polarity sensing

##### Serial

Two (2) RS232 DB9 DTE - Support RXD, TXD, RTS, CTS, DSR, DTR, RI and CD at 230 kbps

Two (2) RS422/485 – Terminal block connection full or half duplex

##### USB

One (1) USB 2.0 Host  
One (1) USB 2.0 Device

##### Mass Storage

One (1) micro SD memory slot (internal)

#### Packaging and Environmental

Case – extruded Aluminum with mounting holes

Dimensions - 5.275L x 5.225W x 1.2H inches

Weight – 0.8 LB (without power pack)

##### Temperature

Operating -40 to +85C  
Storage -40 to +85C

##### Humidity

Operating - < 85% non-condensing  
Storage - < 80% non-condensing

#### Warranty - 1 year

Ctek Inc  
34 Miraleste Plaza  
Rancho Palos Verdes, CA 90275

Phone—310.241.2973  
Email—sales@ctekproducts.com  
Web—www.ctekproducts.com  
E-commerce—www.ctekdirect.com