

Xtenna™ Controller

The Xtenna™ Controller is a host architecture that communicates with and manages RFID hardware devices by processing raw data into standard Application Layer compatible data for use by enterprise systems and back-end databases. It also manages system-based messaging and alerts through standard device and network management applications.

The Controller runs RFID software or middleware and performs the function of receiving incoming event data from the RFID hardware, filtering, aggregating, linking and validating the incoming chain of data, processing the incoming event data, and transmitting the processed event data to the correct application component. It also sends out write data back to the RFID hardware. The Controller also performs an administrative services function of storing configuration files and providing status information.



XTENNA™ CONTROLLER – Specifications

Processor	Built in with Intel® Dual-Core D2550 processor (1.86GHz) with 1M L2 cache Supports Intel® Hyper-Threading Technology (2 cores, 4 threads)
Memory DOM	Max capacity: 4GB, DDR3 16 GB, support upto 320 GB
I/O	1 x DC-IN connector (for 12V input only) 1 x PS/2 Keyboard / Mouse / VGA port 2 x USB 3.0 ports 4 x USB 2.0 ports 2 x RJ-45 LAN ports 3 x Audio jacks (Line In / Line Out / Microphone)
Form Factor	170mm (W) x 170mm (L) x 30mm (D)
BIOS	1 x 16Mbit Flash ROM, AMI UEFI BIOS
OS	Windows XP, Windows 7, Linux, CentOS
Processing Power	Capable of controlling 4 – 8 Xtenna™, Porta™, Xtenna Proximity™, HandyScanna™ depending on transactions envisaged



EsSEN reserves the right to modify specifications without notice.

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EsSEN's innovative Xtenna™ based RFID devices and solutions that break the price/value trade-off. Cost-effective, yet world-class. Get the Xtenna™ Advantage.



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A one-stop solution for all your RFID needs

EsSEN RFID – integrates, extends, improves, simplifies, fully scalable, saves cost, maximizes value; helps your business take the next step forward.