



MicroFirewall (uFW) IoT Security Appliance

Product Description

- Tiny 74 x 43 mm security appliance for IoT, Industrial, and BMC security
- Enterprise grade security from pfSense
- FreeBSD and Yocto Linux
- Mount anywhere, Limitless use cases
- TI ARM Cortex-A8 AM3352 CPU at 600 MHz
- 4GB eMMC, 512MB DDR3
- 2x Gb Ethernet ports, 2x USB 2.0 host
- Expansion connector: GPIO, I2C, UART, Analog In
- Board or complete system with case
- Launching Q3 2016



Technical Specifications

| General Technical Specifications | |
|----------------------------------|---|
| Form Factor | 74 x 43mm |
| CPU | TI AM3352 ARM Cortex-A8 600 MHz, including crypto accelerator |
| DRAM | 512MB DDR3, memory down |
| Ethernet | Two external 1GbE RJ45 ports |
| Storage | eMMC on-board, 4GB (custom build options support up to 64GB) MicroSD hinged socket |
| USB | 1x USB 2.0 host (Micro AB) 1x USB 2.0 host (header) |
| Console | UART over MicroUSB A |
| Expansion Header | UART, I2C, GPIO, Analog In |
| RTC | Yes |

| | |
|---------------------|---|
| Power | 5VDC coaxial power input connector 5VDC power input header |
| Temperature | Operating: 0-50C |
| Availability | Q3 2016 |

Order Information

| P/N | Description |
|-----------------------|--|
| 80500-0140-G00 | <ul style="list-style-type: none"> - TI AM3352 ARM Cortex-A8 600 MHz, including crypto accelerator - 512MB DDR3 - 2x Intel Gb Ethernet RJ45 - 4GB eMMC - Micro-USB console - 1x USB 2.0 host |