

Lippert Toucan_TC COM Express Compact Module#

This platform is supported by the Crown Bay BSP (E6xx and EG20T aka [TunnelCreek/Topcliff](#)) in both Fastboot IPL and BIOS based configurations. Support is available directly from Lippert Embedded Computers

Releases#

Crown Bay Fastboot IPL is [here](#)

Features#

| Feature | Planned Availability | Format | Notes |
|--------------|----------------------|--------|---|
| Fastboot IPL | Available | source | for non BIOS configurations. Requires SPI flash programmer |
| Startup | Available | source | startup-apic (for BIOS based IPL) and startup-crownbay (for Fastboot IPL) |
| UART | Available | source | devc-ser8250 (for use on the SuperIO based UART), devc-serpci for EG20T IOH |
| MMC/SD | Available | source | |
| SATA AHCI | Available | source | |
| PCI server | Available | source | includes IOAPIC and MSI/MSI-X support |
| SMB | Available | source | system management bus resource manager |
| SPI | Available | source | master mode only |
| CAN | Available | source | loopback not supported |
| Ethernet | Available | binary | EG20T |
| USB | Available | binary | OHCI and EHCI |

See `./docs/usr/help/product/bsp_crownbay/release_notes/release_notes.html` and `./src/hardware/startup/boards/*/*.build` files for details on building and configuring the appropriate bootable images and starting up applicable drivers

Please contact Lippert Embedded Computers for support of these device#