

# 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 <a href="#">SuperIO</a> 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#**