

T640 FPC Components

Each FPC consists of the following components:

- FPC card carrier.
- One or two Packet Forwarding Engines, consisting of Layer 2/Layer 3 Packet Processing ASICs, Switch Interface ASICs, T-series Internet Processor ASICs, and a Memory Mezzanine Board (MMB) which includes the Queuing and Memory Interface ASICs. Each Type 1, Type 2, and Type 4 FPC has one Packet Forwarding Engine, and each Type 3 FPC has two Packet Forwarding Engines.
- Processor Mezzanine Board (PMB), which includes a 300-MHz CPU, system controller, 256 MB of SDRAM, and two Fast Ethernet interfaces.
- Two LEDs, located on the craft interface above the FPC, that display the status of the FPC. For more information about the FPC LEDs, see T640 Craft Interface FPC LEDs and Online/Offline Buttons.
- FPC online/offline button, located on the craft interface above the FPC.

- Related Topics**
- FPCs Supported by the T640 Router
 - Maintaining T640 FPCs
 - Troubleshooting the T640 FPCs

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