

# Linux on CheckPoint 5200

## Hardware

- System CheckPoint PB-20-00
- Version: PB-20-1.4
- Motherboard: INTEL DENLOW\_REFRESH\_WS
- BIOS: American Megatrends
  - Core Version: 4.6.5.5
  - Compliancy: UEFI 2.3.1; PI 1.2
  - Project Version: 1ARXO 0.20 x64
  - BIOS Version: R1.4

## Serial Console

The BIOS is available on the serial console port at the front with 9600 baud.

You can use it with 115200 baud on Linux with the kernel boot option:

```
console=ttyS0,115200n8
```

## Booting

You can just plug in a live ISO to the front USB port and it boots from it.

## Default Boot Order

1. USB Key
2. USB Hard Disk
3. USB CD/DVD
4. USB Floppy
5. Hard Disk
6. Network

## BIOS

The BIOS is protected by a password.

Three wrong password attempts just forces a reboot of the system.

## Remove BIOS Password

1. Unplug power
2. Open Case
3. Remove CMOS battery
4. wait for 15 - 30 min
5. Reinsert CMOS battery
6. Connect console cable 9600 baud
7. plug power back in
8. System starts
9. Console shows CMOS checksum error, displays options
10. Press F1 - Setup
11. You are in the BIOS Setup now
12. Press F4 - Save Config and Reset
13. System reboots
14. BIOS is without a password now

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