# miniDis

# Compulab

# Fitlet2
## Compact IoT gateway with Intel® Atom® processor

- Intel® Apollo Lake E3900 Atom processor
- Up to 4 x Gigabit Ethernet ports
- SATA M.2 or 2.5" storage device
- Up to 8 x USB 3.0 / 2.0 ports
- Optional Wi-Fi/BT + LTE modem
- RS-232 serial port
- Up to 9V-36V DC power input
- Side/bottom VESA / DIN Rail mounting
- Rugged, MIL-STD-810G
- 112 × 84 × 34mm
- 5-year warranty

| Category | Specification | Details |
|---|---|---|
| CPU | Intel Atom x7-E3950 | 4 cores • 1.6 / 2.0 GHz • 2 MB cache • 12 W |
| | Intel Celeron J3455 | 4 cores • 1.5 GHz • 2 MB cache • 10 W |
| | Intel Atom x5-E3930 | 2 cores • 1.3 / 1.8 GHz • 2 MB cache • 6.5 W |
| Memory | DDR3 SO-DIMM | Up to 16 GB • Up to 1866 MT/s |
| Display | HDMI 1.4 | 3840×2160 @ 30 Hz |
| | mini-DP 1.2 | 4096×2160 @ 60 Hz • Dual-mode • Daisy-chain (3rd display) |
| Storage | SATA | Standard SATA device |
| | M.2 Key-M | On-board up to 2260 • Optional up to 2280 (FACET) |
| | Optional 2.5" SATA | SSD/HDD (requires deep bottom cover) |
| Networking – LAN | On-board | 2 × 1 GbE (RJ45) |
| | Optional modules | FC-M2LAN: 2 × 1 GbE • FC-POED: 1 × 1 GbE + PoE • FC-OPLN: 2 × 1 GbE (SFP+) |
| Wireless & Cellular | Wi-Fi / BT | Wi-Fi 5 • BT 4.2 • M.2 Key-E |
| | Cellular options | FC-CEM: M.2 Key-B (LTE/4G) • FC-PCI: miniPCIe (LTE/4G) |
| USB | Ports | 2 × USB 3.0 Type-A • 2 × USB 2.0 Type-A |
| Audio | Digital / Analog | HDMI & DP audio • 3.5 mm input + output |
| Serial / GPIO / CAN | On-board | RS-232 (mini-serial) |
| | Optional | FC-SCG: RS-232/485 + CAN + GPIOs |
| TPM | Security | Intel PTT (on-board) • Optional TPM 2.0 module |
| FACET Modules | Expansion options | FC-M2LAN • FC-POED • FC-OPLN • FC-CEM • FC-PCI • FC-SCG • FC-USB (4 × USB 2.0 + M.2 Key-E + Key-M 2280) |