

## Comparison of fitlet3 vs fitlet2 characteristics

	fitlet3		fitlet2
CPU	6 W – 12 W Intel Atom <b>Elkhart Lake</b> CPU, <b>1.3-2.0 GHz</b>		6.5 W – 12 W Intel Atom <b>Apollo Lake</b> CPU, <b>1.3-1.5 GHz</b>
Memory	Type	SO-DIMM <b>DDR4</b> up to <b>3200MT/s</b>	SO-DIMM <b>DDR3L</b> up to <b>1600MT/s</b>
	Max. capacity	<b>32GB</b>	<b>16GB</b>
Storage	No. of storage devices	<b>Up to 2</b>	<b>1</b>
	M.2 Key-M	<b>NVMe</b> or M.2 SATA	M.2 SATA
	M.2 Key-B	<b>M.2 SATA</b>	<b>N/A</b>
	2.5" HDD/SSD	Optional with expansion	Optional with expansion
Display	HDMI	HDMI 1.4b (up to 3840 x 2160 @ 30Hz)	HDMI 1.4b (up to 3840 x 2160 @ 30Hz)
	Mini-Display Port	DP 1.2 (up to 4096 x 2160 @ 60Hz) Dual mode	DP 1.2 (up to 4096 x 2160 @ 60Hz) Dual mode
Ethernet	Type	2 x Gigabit Ethernet on RJ45	2 x Gigabit Ethernet on RJ45
	Optional Additional LAN ports	2x GbE LAN on RJ45 on FC3-LAN	2x GbE LAN on RJ45 on FC-LAN
		1x GbE LAN on SFP+ for optical LAN on FC3-OPLN	1x GbE LAN on SFP+ for optical LAN on FC-OPLN
		1x GbE LAN on RJ45 with PoE (device) on FC3-POED	1x GbE LAN on RJ45 with PoE (device) on FC-POED
Wireless Connectivity	WiFi/BT	Optional Wi-Fi <b>6E</b> , BT <b>5.2</b>	Optional Wi-Fi <b>5E</b> , BT <b>4.2</b>
	Modem	Optional M.2 LTE/5G modem	Optional M.2/ <b>miniPCIe</b> LTE/4G modem on <b>FACET</b>
USB	USB 2.0	<b>4x</b> USB 2.0 on USB Type-A	<b>2x</b> USB 2.0 on USB Type-A + <b>4 optional FC-4USB on FACET</b>
	USB 3.1	2x USB 3.1 on USB Type-A	2x USB 3.1 on USB Type-A
Serial/GPIO	On-board Serial port	<b>Isolated RS-232/485 on a terminal block</b>	<b>RS-232 on mini-serial connector</b>
	On-board GPIO	<b>Optional</b> terminal block 2x isolated GPI + 2x isolated GPO	<b>N/A</b>
	On FACET	TBD	FC-SCG ( <b>CANBus + GPIO</b> )
Audio	Interfaces	<b>Optional</b> analog output, analog input on 3.5 mm jacks	Analog output, analog input on 3.5 mm jacks
Power	Input power	<b>7V – 42V</b> , up to 5A DC input	9V – 20V, up to 5A DC input, <b>optional 36V</b>
	Connector	5.5 mm power jack w/ locking	5.5 mm power jack w/ locking
TPM	Internal firmware TPM	Intel® PTT (TPM 2.0)	Intel® PTT (TPM 2.0)
	Discreet TPM	Optional discreet TPM 2.0	Optional discreet TPM 2.0
OS Support	Windows 10 IoT	<b>Windows 10 IoT Enterprise LTSC 2021</b>	<b>Windows 10 IoT Enterprise LTSC 2019</b>
	Windows 10 Pro	Yes	Yes
	Windows 11	<b>Windows 11 Pro</b>	<b>N/A</b>
	Linux	Linux Mint / Ubuntu	Linux Mint / Ubuntu
Operating Environment	Commercial/TE/TI	Up to -40°C to 85°C (Industrial temp.)	Up to -40°C to 85°C (Industrial temp.)
Physical Characteristics	Dimensions	132.8 mm X 100 mm X 34.8 mm	112 mm X 84 mm X 34.8 mm