

## Comparison of fitlet3 vs fitlet2 models characteristics

	fitlet3		fitlet2	
CPU	Intel® Atom x6425E	4 Core   Base: 2.0 GHz, Boost: 3.0 GHz   TDP: 12 W	Intel Atom® x7-E3950	4 Core   Base: 1.6 GHz, Boost: 2.0 GHz   TDP: 12 W
	Intel® Celeron J6412	4 Core   Base: 2.0 GHz, Boost: 2.6 GHz   TDP: 10 W	Intel® Celeron® J3455	4 Core   Base: 1.5 GHz, Boost: 2.3 GHz   TDP: 10 W
	Intel® Atom x6211E	2 Core   Base: 1.3 GHz, Boost: 3.0 GHz   TDP: 6 W	Intel Atom® x5-E3930	2 Core   Base: 1.3 GHz, Boost: 1.8 GHz   TDP: 6.5 W
Memory	Type	SO-DIMM DDR4 up to 3200MT/s		SO-DIMM DDR3L
	Max. capacity	32GB		16GB
Storage	M.2 Key-M	PCIe x4 / SATA for M.2 NVMe or M.2 SATA, size up to 2280	M.2 Key-M	SATA for M.2 SATA, size up to 2260 (2280 optional on some FACET cards)
	M.2 Key-B	SATA for M.2 SATA, size up to 2260 (mutual with LTE/5G modem)	microSD Card	
	2.5" HDD/SSD	Optional M.2 to SATA expansion for 2.5" HDD / SSD	2.5" HDD/SSD	Optional M.2 to SATA expansion for 2.5" HDD / SSD
Display	HDMI	HDMI 1.4b (up to 3840 x 2160 @ 30Hz)	HDMI	HDMI 1.4b (up to 3840 x 2160 @ 30Hz)
	Mini-Display Port	DP 1.2 (up to 4096 x 2160 @ 60Hz) Dual mode	Mini-Display Port	DP 1.2 (up to 4096 x 2160 @ 60Hz) Dual mode
Ethernet	Type	2 x Gigabit Ethernet on RJ45	Type	2 x Gigabit Ethernet on RJ45
	Controllers	Internal MAC with discreet PHY	Controllers	Intel i211
	Speed	1 Gbps / 100 Mbps / 10 Mbps	Speed	1 Gbps / 100 Mbps / 10 Mbps
	Optional FC3-LAN	Additional 2x GbE LAN on RJ45	Optional FC-LAN	Additional 2x GbE LAN on RJ45
	Optional FC3-OPLN	Additional 1x GbE LAN on SFP+ for optical LAN	Optional FC-OPLN	Additional 1x GbE LAN on SFP+ for optical LAN
Optional FC3-POED	Additional 1x GbE LAN on RJ45 with PoE device capabilities	Optional FC-POED	Additional 1x GbE LAN on RJ45 with PoE device capabilities	
Wireless Connectivity	On-board	Optional On-board module with Wi-Fi 6E, BT 5.2	miniPCIe	For miniPCIe LTE/4G modem on FC-PCI FACET card, w/ micro-SIM tray
	M.2 Key-E	For M.2 2230 module with Wi-Fi 6E, BT 5.2	M.2 Key-E	For M.2 2230 module with Wi-Fi 5, BT 4.2
	M.2 Key-B	For M.2 LTE/5G modem (mutual with M.2 SATA), w/ micro-SIM tray	M.2 Key-B	For M.2 LTE/5G modem on FC-CEM FACET Card, w/ micro-SIM tray
USB	USB 2.0	4x USB 2.0 on USB Type-A	USB 2.0	2x USB 2.0 on USB Type-A + 4 additional ports on optional FC-4USB FACET card.
	USB 3.1	2x USB 3.1 on USB Type-A	USB 3.1	2x USB 3.1 on USB Type-A
Serial/GPIO	Type	Optional terminal block with Isolated serial and GPIO, up to 24V	CANBus	Isolated serial and GPIO, up to 24V on FC-SCG FACET Card
	Serial port	Isolated RS-232/422/485	Serial Port	COM1: RS232 via mini serial connector
	GPIO	2x isolated GPI + 2x isolated GPO	GPIO	GPIO extender on FC-SCG FACET Card

Audio	Codec	Optional I2S audio codec	Codec	Realtek ALC1150 audio codec
	Interfaces	Optional analog output, analog input on 3.5 mm jacks	Interfaces	Analog output, analog input on 3.5 mm jacks, 7.1 S/PDIF out
Power	Input power	9V – 42V, up to 5A DC input	Input power	7V – 36V, up to 5A DC input
	Connector	5.5 mm power jack w/ locking	Connector	5.5 mm power jack w/ locking
	Power supply unit	Including universal AC wall mount power supply	Power supply unit	Including universal AC wall mount power supply
	Optional FC3-POE	Input power by PoE, GbE LAN on RJ45	Optional FC-POE	Input power by PoE, GbE LAN on RJ45
TPM	Internal firmware TPM	Intel® PTT (TPM 2.0)	Internal firmware TPM	Intel® PTT (TPM 2.0)
	Discreet TPM	Optional discreet TPM 2.0	Discreet TPM	Optional discreet TPM 2.0
OS Support	Windows 10	Windows 10 IoT Enterprise LTSC 2021 / Windows 10 Pro	Windows 10	Windows 10 IoT Enterprise LTSB
	Windows 11	Windows 11 Pro	-	-
	Linux	Linux Mint / Ubuntu	Linux	Linux Mint / Ubuntu
Operating Environment	Commercial temp.	0°C to 45°C	Commercial temp.	0°C to 45°C
	Extended temperature	-20°C to 70°C	Extended temperature	-20°C to 70°C
	Industrial temperature	-40°C to 85°C	Industrial temperature	-40°C to 85°C
	Humidity	5% - 95% non-condensing	Humidity	5% - 95% non-condensing
Physical Characteristics	Cooling	Fanless, passive cooling	Cooling	Fanless, passive cooling
	Dimensions	132.8 mm X 100 mm X 34.8 mm	Dimensions	112 mm X 84 mm X 34.8 mm
	Weight	~ 420 gr.	Weight	~ 350 gr.
	Mounting	Side/bottom VESA / DIN Rail mount	Mounting	Side/bottom VESA / DIN Rail mount