



specifications

Overview

The fitlet is a miniature fanless quad-core PC which would outclass any competing PC's based on the AMD A4 Micro 6400T with Radeon™ R3 Graphics. The fitlet is also designed for unmatched openness; Networking, storage, memory, extension cards and operating systems can be upgraded by the user with ease.

The fitlet features the AMD E1 Micro-6400T 64 bit, 1.6 GHz processor with AMD Radeon™ R2 Graphics in the fitlet-B whereas the fitlet-i and fitlet-X features the AMD A4 Micro-6400T 64 bit, 1.6 GHz processor with AMD Radeon™ R3 Graphics. The fitlet range has dual head display of up to 1920 × 1200 resolution and up to 8GB RAM.

The fitlet is designed to replace the fit-PC2, from which every aspect is improved; Memory and performance capacity of the fitlet quadrupled compared to the fit-PC2, smaller housing, entry price reduction and connectivity, networking, graphics and storage improvements beyond comparison.

Specifications & fitlet Models

System	fitlet-B Barebone	Fitlet-i Barebone	Fitlet-X Lan
CPU	AMD E1-6200T SoC 64-bit Dual Core @ 1.0 GHz (Boost up to 1.6GHz)	AMD A4-6400T SoC 64-bit Quad Core @ 1.0 GHz (Boost up to 1.6GHz)	
Memory	1x SO-DIMM 204-pin DDR3 SDRAM memory slot Up to 8GB DDR3-1066 (1.35V)	1x SO-DIMM 204-pin DDR3 SDRAM memory slot Up to 8GB DDR3-1333 (1.35V)	1x SO-DIMM 204-pin DDR3 SDRAM memory slot Up to 8GB DDR3-1333 (1.35V)
Storage	1x mSATA slot up to 6Gbps (SATA 3.0)	1x mSATA slot up to 6Gbps (SATA 3.0) 1x eSATAp (powered & USB combo) slot up to 6Gbps (SATA 3.0)	1x mSATA slot up to 6Gbps (SATA 3.0)
Supported OS	Windows 7/8/10, 32-bit and 64-bit Linux 32-bit and 64-bit Embedded OS		

Display & Graphics	fitlet-B Barebone	fitlet-i Barebone	fitlet-X Lan
GPU	AMD Radeon R2 Graphics	AMD Radeon R3 Graphics	
Display	2x HDMI 1.4a up to 1920 × 1200 @ 60Hz		

Input / Output	fitlet-B Barebone	fitlet-i Barebone	fitlet-X Lan
Audio Input	Analog stereo Microphone input Digital S/PDIF input, 3.5mm jack		
Audio Output	Analog stereo output Digital 7.1+2 channels S/PDIF output 3.5mm jack		
LAN	1x GbE LAN ports (RJ-45) LAN1: Intel I211 GbE controller	2x GbE LAN ports (RJ-45) LAN1: Intel I211 GbE controller LAN2: Intel I211 GbE controller	4x GbE LAN ports (RJ-45) LAN1: Intel I211 GbE controller LAN2: Intel I211 GbE controller LAN3: Intel I211 GbE controller LAN4: Intel I211 GbE controller
USB	2x USB 3.0 3x USB 2.0	2x USB 3.0 4x USB 2.0	2x USB 3.0 3x USB 2.0
RS232		1x Serial communication port COM1: RS232 via mini serial connector	
WiFi	WLAN 802.11b/g/n, USB dongle, external antenna	WLAN 802.11ac (2.4/5GHz dual band intel 7260HMW) Bluetooth 4.0	WLAN 802.11b/g/n, USB dongle, external antenna
Bluetooth	Bluetooth 4.0		
Special I/O	N/A	1x micro SIM slot (6 pins)	
Expansion	1x Full-size mSATA socket (low profile)	1x Full-size mSATA socket (low profile) 1x Half/Full-size mini-PCIe socket (high profile)	1x Full-size mSATA socket (low profile) 1x Half/Full-size mini-PCIe socket (high profile) 1x FACET card interface Custom connectivity 3 PCIe lanes, adapter half-to-full size required
SD	Micro-SD slot support SD/SDHC/SDXC cards Transfer rates up to 25 MB/s(50MHz clock)		
Advanced Technologies	fitlet-B Barebone	fitlet-i Barebone	fitlet-X Lan
vPRO	No		

Input / Output	fitlet-B Barebone	fitlet-i Barebone	fitlet-X Lan
AMT	No		
CPU Virtualization	Yes		
Special Functionality	Auto-On Wake-on-LAN Wake-on-Timer PXE Boot Watchdog	Auto-On Wake-on-LAN Wake-on-Timer PXE Boot Watchdog Remote power button	Auto-On Wake-on-LAN Wake-on-Timer PXE Boot Watchdog Remote power button

Mechanical / Environmental	fitlet-B Barebone	fitlet-i Barebone	fitlet-X Lan
Supply Voltage	Unregulated 10 to 15 volt DC input (nominal input voltage: 12V)		
Power Consumption	4.5W-10.5W		
Operating Temperature	1. Commercial (SSD inside): 0°C – 70°C 2. Extended (TE), (SSD inside): -20°C – 70°C 3. Industrial (TI), (SSD inside): -40°C – 70°C		
Dimensions	10.8cm × 8.3cm × 2.4cm		
Weight	220g		