

FM2 LINEUP



FEATURES



Dual Intelligent Processors 3 with New Digital Power Control

Combining the ASUS Turbo Processing Unit (TPU), Energy Processing Unit (EPU) and digital voltage regulator module delivers easy, robust overclocking performance, increased energy efficiency and unmatched stability*.



Enhanced USB Functionality

ASUS USB ports deliver both speed and power. USB 3.0 ports on the F2A85-V PRO and F2A85-M PRO employ ASUS USB 3.0 Boost, delivering transfer speeds up to 1.33 times faster than standard USB 3.0



Enhanced Graphics Performance With Multiple Upgrade Options

ASUS GPU Boost takes the enhanced graphics of the 2nd generation AMD Fusion APU even further, boosting performance up to 16.6% with built-in AMD Eyefinity support to connect up to 3 monitors.



Fan Xpert 2

Managing component heat requires balanced, controlled cooling for your system. With built-in cooling profiles and individual fan data and control, Fan Xpert 2 is as automated or customizable as you need it to be.

	F2A85-V PRO	F2A85-M PRO	F2A85-M/CSM	F2A55-M/CSM	F2A55-M LE	F2A55-M LK
MEMORY	CPU					
	Trinity (FM2)					
	Chipset	AMD A85X FCH (Hudson D4)			AMD A55 FCH (Hudson D2)	
	Slot	4DDR3 (Dual Channel)	4DDR3 (Dual Channel)	4DDR3 (Dual Channel)	2DDR3 (Dual Channel)	2DDR3 (Dual Channel)
GRAPHICS SLOT (EXPANSION)	Frequency	Up to 2400 (O.C.) Mhz	Up to 2400 (O.C.) Mhz	Up to 2400 (O.C.) Mhz	Up to 2400 (O.C.) Mhz	Up to 2400 (O.C.) Mhz
	Max.	64GB	64GB	64GB	32GB	32GB
	PCIe 2.0x16	3 (x16; x8/x8; x4)	2 (x16; x16/x4)	2 (x16; x16/x4)	2 (x16; x16/x4)	1
	PCIe x1	2	2	1	1	2
STORAGE & CONNECTIVITY	PCI	2	N/A	1	1	1
	Lucid Virtu MVP	Y	Y	N	N	N
	SATA	7 (6Gb/s)	7 (6Gb/s)	7 (6Gb/s)	6 (3Gb/s)	6 (3Gb/s)
	eSATA	1 (6Gb/s)	1 (6Gb/s)	1 (6Gb/s)	N/A	N/A
	RAID	0,1,10,5,JBOD	0,1,10,5,JBOD	0,1,10,5,JBOD	0,1,10,JBOD	0,1,10,JBOD
	USB3.0 (Front)	2	2	2	N/A	N/A
	USB3.0 (back)	4	4	2	N/A	N/A
	USB 2.0	10	10	10	12	10
	LAN	Realtek Gb LAN	Realtek Gb LAN	Realtek Gb LAN	Realtek Gb LAN	Realtek Gb LAN
	AUDIO	ALC 8-ch audio	ALC 8-ch audio	ALC 8-ch audio	ALC 8-ch audio	ALC 8-ch audio
AUDIO FEATURES	VGA output	DP/HDMI/DVI/D-Sub	DP/HDMI/DVI/D-Sub	HDMI/DVI/D-Sub	HDMI/DVI/D-Sub	DVI/D-Sub
	Fan Xpert	Fan Xpert 2	Fan Xpert 2	Fan Xpert	Fan Xpert	Fan Xpert
	GPU Boost	Y (with switch)	Y (with switch)	Y	Y	Y
	Network iControl	Y	Y	Y	Y	Y
	USB 3.0 Boost	Y	Y	Y	N	N
	USB Charger+	Y	Y	AI Charger+	AI Charger+	N
ASUS DUAL INTELLIGENT PROCESSORS	USB BIOS Flashback	Y	Y	N	N	N
	DIGI+VRM	Y	Y	Y	Y	Y
	DIGI+DRAM	Y	N	N	N	N
	TPU	Y	Y	N	N	N
	EPU	Y	Y	Y	Y	Y
	COM	1	1	1	1	1
	TPM	N	Y	Y	N	N
	Form factor	ATX	uATX	uATX	uATX	uATX

* Dual Intelligent Processors 3 (DIP3) available on F2A85-V PRO. Dual Intelligent Processors 2 (DIP2) available on F2A85-M PRO.
All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.