

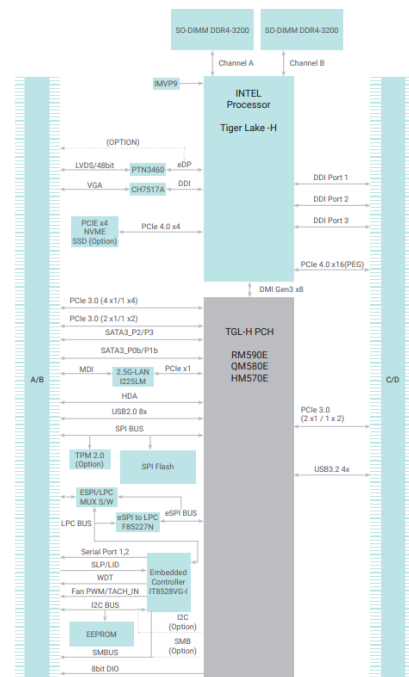
# Adbc8134



## FEATURES

- COM Express® Basic Size Type 6 Module
- 第 11 世代 Intel® Xeon® / Core™ / Celeron® 6600HE プロセッサ搭載
- 最大 96GB、DDR4 3200MHz SO-DIMM x3 搭載
- 1 x VGA、1 x LVDS/eDP、3 x DDI (HDMI/DP++)
- 1 x PCIe x16 (Gen 4)、8 x PCIe x1 (Gen 3)
- 温度拡張対応: -40°C ~ 70°C まで

## ブロック図



## 仕様



System	Processor	11th Gen Intel® Core™ Processors, BGA 1787 Intel® Xeon® W-11865MRE, 8 Cores, 24M Cache, 2.6GHz (4.7GHz), 45W (RM590E) Intel® Xeon® W-11865MLE, 8 Cores, 24M Cache, 1.5GHz (4.5GHz), 25W (RM590E) Intel® Core™ i7-11850HE, 8 Cores, 24M Cache, 2.6GHz (4.7GHz), 45W (RM590E/QM580E) Intel® Xeon® W-1155MRE, 6 Cores, 12M Cache, 2.6GHz (4.5GHz), 45W (RM590E) Intel® Xeon® W-1155MLE, 6 Cores, 12M Cache, 1.9GHz (4.4Hz), 25W (RM590E) Intel® Core™ i5-11500HE, 6 Cores, 12M Cache, 2.6GHz (4.5GHz), 45W (RM590E/QM580E) Intel® Xeon® W-11155MRE, 4 Cores, 8M Cache, 2.4GHz (4.4GHz), 45W (RM590E) Intel® Xeon® W-11155MLE, 4 Cores, 8M Cache, 1.8GHz (3.1GHz), 25W (RM590E) Intel® Core™ i3-11100HE, 4 Cores, 8M Cache, 2.4GHz (4.4GHz), 45W (RM590E/QM580E/HM570E) Intel® Celeron® 6600HE, 2 Cores, 8M Cache, 2.6GHz, 35W (RM590E/QM580E/HM570E)	
	Chipset	Intel® RM590E/QM580E/HM570E Chipset	
	Memory	3pcs DDR4 3200MHz SO-DIMM up to 96GB, 4th DIMM by request Dual Channel DDR4 3200MHz, ECC support	
	BIOS	AMI SPI 256Mbit	
	Controller	Intel® Iris® Xe Graphics	
	Graphics	Feature	OpenGL 4.5, DirectX 12, OpenCL 2.1 HW Decode: MPEG2, WMV9, AVC/H264, JPEG/MJPEG, HEVC/H265, VP9, AV1 HW Encode: AVC/H264, JPEG, HEVC/H265, VP9
		Display	1 x VGA, 1 x LVDS/eDP (eDP available upon request), 3 x DDI (HDMI/DP++)
		Multi-displays	VGA + LVDS + 2 DDI or VGA + 3 DDI or LVDS + 3 DDI
		Expansion	Interface 1 x PCIe x16 (Gen 4), 8 x PCIe x1 (Gen 3), 1 x LPC, 1 x I2C, 1 x SMBus, 2 x UART (TX/RX)
	Audio	Audio Codec HD Audio	
Ethernet	Phy 1 x Intel® I225 series (10/100/1000Mbps/2.5G)		
I/O	USB	4 x USB 3.2 Gen2, 8 x USB 2.0	
	SATA	4 x SATA 3.0 (up to 6Gb/s), support RAID 0/1/5/10	
	DIO	1 x 8-bit DIO (Default 4 inputs and 4 outputs)	
Watchdog Timer	Output & Interval System Reset, Programmable via Software from 1 to 255 Seconds		
Storage (Option)	NVMe SSD PCIe x4 Gen4, 64GB~1TB. SSD and 2nd DDR4 SO-DIMM(DIMM2) is alternative function.		
Security	TPM TPM2.0 (Available Upon Request)		
Power	Type	8.5V~20V, 5VSB, VCC_RTC (ATX mode)	
		8.5V~20V, VCC_RTC (AT mode)	
OS Support	Microsoft	Windows 10 IoT Enterprise 64-bit	
	Linux	Ubuntu 20.04	
Environment	Temperature	Operating: 0 to 60°C, (extended temperature support) -40 to 70°C Storage: -40 to 85°C	
	Humidity	Operating: 5 to 90% RH Storage: 5 to 90% RH	
Mechanical	Dimensions	95mm x 125mm	
	Compliance	PICMG COM Express® R3.0, Type 6	

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## 株式会社アドバネット