

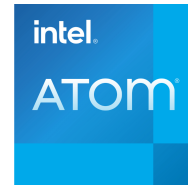
## Intel Atom x6425RE Prozessor 1,9 GHz 1,5 MB L2

Marke : Intel

Produktfamilie: Atom

Artikel-Code:  
FH8070304289558

Produktname : x6425RE



Intel Atom® x6425RE Prozessor (1,5 MB Cache, 1,90 GHz)

Intel Atom x6425RE. Prozessorfamilie: Intel Atom®, Prozessorsockel: BGA 1493, Prozessor Lithografie: 10 nm. Speicherkanäle: Vierfach-Kanal, Speicherbandbreite (max.): 68,2 GB/s. Eingebautes Grafikkartenmodell: Intel® UHD Graphics, On-Board Grafikkadapert unterstützte Ausgänge: Embedded DisplayPort (eDP), DisplayPort, HDMI, MIPI-DSI, On-Board Grafikkadapert Basisfrequenz: 400 MHz.

Marktsegment: Eingebettet, Nutzungsbedingungen: Industrial Extended Temp, Exportkontroll-Klassifizierungsnummer (ECCN): 5A992CN3. Prozessor-Paketgröße: 35 x 24 mm



Prozessor		Merkmale	
Prozessorhersteller *	Intel	Exportkontroll-Klassifizierungsnummer (ECCN)	5A992CN3
Prozessor *	x6425RE	Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS)	G179048
Grundfrequenz des Prozessors *	1,9 GHz		
Prozessorfamilie *	Intel Atom®		
Anzahl Prozessorkerne *	4		
Prozessorsockel *	BGA 1493		
Prozessor Lithografie *	10 nm		
Prozessor-Threads	4		
Prozessorbetriebsmodi *	64-Bit		
Prozessor-Cache	1,5 MB		
Prozessor Cache Typ	L2		
Thermal Design Power (TDP)	12 W		
Box *	✗		
Kühler enthalten *	✗		
Durch den Prozessor (max) unterstützte Speicherbandbreite	68,2 GB/s		
ARK Prozessorerkennung	207899		
<b>Speicher</b>		<b>E-/A-Konfiguration</b>	
Speicherkanäle *	Vierfach-Kanal	Anzahl der USB-Anschlüsse	4
ECC	✗	Gesamtanzahl der SATA-Anschlüsse	2
Speicherbandbreite (max.)	68,2 GB/s	Universal-E/A	Yes
<b>Grafik</b>		<b>Prozessor Besonderheiten</b>	
Eingebaute Grafikkadapert *	✓	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✗
Separater Grafikkadapert *	✗	Intel® Quick-Sync-Video-Technik	✓
Eingebautes Grafikkartenmodell *	Intel® UHD Graphics	Intel® AES New Instructions (Intel® AES-NI)	✓
On-Board Grafikkadapert unterstützte Ausgänge	Embedded DisplayPort (eDP), DisplayPort, HDMI, MIPI-DSI	Intel® Trusted-Execution-Technik	✗
On-Board Grafikkadapert Basisfrequenz	400 MHz	Intel® -Speed-Shift-Technologie	✗
4K-Unterstützung durch On-Board Grafikkadapert	✓	Intel® Time Coordinated Computing (Intel® TCC)	✓
Bildwiederholffrequenz des On-Board Grafikkadaperters bei maximaler Auflösung (DisplayPort)	60 Hz	Intel® Sicherer Schlüssel	✓
Bildwiederholffrequenz des On-Board Grafikkadaperters bei maximaler Auflösung (eDP - integrierter Flachbildschirm)	60 Hz	Intel HD-Audio-Technik	✓
Separates Grafikkartenmodell *	Nicht verfügbar	Intel® OS Guard	✓
Anzahl der Rechenwerke	32	Intel® Secure Boot	✓
<b>Merkmale</b>		Intel® 64	✓
Execute Disable Bit	✓	Intel® Virtualization Technologie (VT-X)	✓
Leerlauf Zustände	✓	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Marktsegment	Eingebettet	Intel® Boot Guard	✓
		Intel® vPro™ Plattform Eligibility	✗
		<b>Betriebsbedingungen</b>	
		Minimale Betriebstemperatur	-40 °C
		Betriebstemperatur	-40 - 85 °C
		Maximale Betriebstemperatur	85 °C
		Tjunction	110 °C
		<b>Logistikdaten</b>	
		Warentarifnummer (HS)	8542310001
		<b>Technische Details</b>	
		Startdatum	Q1'21
		Status	Launched
		<b>Gewicht und Abmessungen</b>	
		Prozessor-Paketgröße	35 x 24 mm

Merkmale		Sonstige Funktionen	
Nutzungsbedingungen	Industrial Extended Temp	RAM-Speicher maximal	32 GB
Maximale Anzahl der PCI-Express-Lanes	8		
PCI-Express-Slots-Version	3.0		
CPU Konfiguration (max)	1		



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