

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

Merk : Intel

Productfamilie: Atom

 Artikelcode:  
FH8070304289558

Productnaam : x6425RE



Intel Atom x6425RE. Processorfamilie: Intel Atom®, Processor socket: BGA 1493, Processor lithografie: 10 nm. Geheugen kanaal: Vierkanaals, Geheugen bandbreedte (max): 68,2 GB/s. On-board graphics adapter model: Intel® UHD Graphics, On-board ondersteunde grafische adapter uitgangen: Embedded DisplayPort (eDP), DisplayPort, HDMI, MIPI-DSI, Basisfrequentie ingebouwde grafische adapter: 400 MHz. Marktsegment: Ingebouwd, Gebruiksvoorwaarden: Industrial Extended Temp. Export Control Classification Number (ECCN): 5A992CN3. Verpakkingsgrootte processor: 35 x 24 mm



Processor		Kenmerken	
Processorfabrikant *	Intel	Commodity Classification	
Processormodel *	x6425RE	Automated Tracking System (CCATS)	G179048
Basisfrequentie processor *	1,9 GHz	<b>I/O-configuratie</b>	
Processorfamilie *	Intel Atom®	Aantal USB-aansluitingen	4
Aantal processorkernen *	4	Totaal aantal SATA-connectoren	2
Processor socket *	BGA 1493	General Purpose IO	Yes
Processor lithografie *	10 nm	<b>Processor speciale functies</b>	
Processor aantal threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor operating modes *	64-bit	Intel® Quick Sync Video Technology	✓
Processor cache	1,5 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	L2	Intel® Trusted Execution Technology	✗
Thermal Design Power (TDP)	12 W	Intel® Speed Shift-technologie	✗
Box *	✗	Intel® Time Coordinated Computing (Intel® TCC)	✓
Inclusief koeler *	✗	Intel® Secure Key	✓
Geheugenbandbreedte ondersteund door de processor ( max)	68,2 GB/s	Intel® High Definition Audio (Intel® HD Audio)	✓
ARK ID processor	207899	Intel® OS Guard	✓
<b>Geheugen</b>		Intel® Veilig opstarten	✓
Geheugen kanaal *	Vierkanaals	Intel® 64	✓
ECC	✗	Intel® Virtualization Technology (VT-x)	✓
Geheugen bandbreedte (max)	68,2 GB/s	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
<b>Grafisch</b>		Intel® Boot Guard	✓
Ingebouwde grafische adapter *	✓	Intel® vPro™ Platform Eligibility	✗
Aparte grafische adapter *	✗	<b>Eisen aan de omgeving</b>	
On-board graphics adapter model *	Intel® UHD Graphics	Minimum operationele temperatuur	-40 °C
On-board ondersteunde grafische adapter uitgangen	Embedded DisplayPort (eDP), DisplayPort, HDMI, MIPI-DSI	Bedrijfstemperatuur (T-T)	-40 - 85 °C
Basisfrequentie ingebouwde grafische adapter	400 MHz	Maximale temperatuur (in bedrijf)	85 °C
4K-ondersteuning	✓	Tjunction	110 °C
Grafische adapter refresh rate on-board bij maximale resolutie (DisplayPort )	60 Hz	<b>Logistieke gegevens</b>	
Refresh rate op maximale resolutie (eDP - Integrated Flat Panel)	60 Hz	Code geharmoniseerd systeem (HS)	8542310001
Discreet grafische adapter model *	Niet beschikbaar	<b>Technische details</b>	
Aantal verwerkingseenheden	32	Lanceringsdatum	Q1'21
<b>Kenmerken</b>		Status	Launched
Execute Disable Bit	✓	<b>Gewicht en omvang</b>	
Idle States	✓	Verpakkingsgrootte processor	35 x 24 mm
Marktsegment	Ingebouwd		
Gebruiksvoorwaarden	Industrial Extended Temp		
Maximaal aantal PCI Express-lijnen	8		
PCI Express slots versie	3.0		

Kenmerken		Overige specificaties	
CPU configuratie (max)	1	Maximum intern geheugen	32 GB
Export Control Classification Number (ECCN)	5A992CN3		



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Publication date: 15-MAR-2024. Prints or copies of Information are only valid on the printed Publication date