

# Technical Data

		Standard (15"   19"   24")	Configurable (15"   19"   24")
<b>CPU Type</b>	AMD® G-Series GX-424CA (Quad-Core 2.4 GHz), L2 2 MB, 25 W	•	•
<b>Motherboard</b>	NANO-KBN-i1-4241-R10	•	•
<b>RAM</b>	4 GB, DDR3, FSB 1600/1333 MHz	–	•
	8 GB, DDR3, FSB 1600/1333 MHz	•	optional
<b>Mass storage</b>	64 GB SSD, 2.5", SATA 3 interface, quick release cartridge	–	•
	128 GB SSD, 2.5", SATA 3 interface, quick release cartridge	•	optional
	256 GB SSD, 2.5", SATA 3 interface, quick release cartridge	–	optional
<b>Ports</b>	1x LAN Gigabit Intel i210-AT, with NCSI support 1x LAN Gigabit Intel i211-AT 2x USB 3.0, 2x USB 2.0 (internal accessible) 5x COM RS232, each with 5V configurable 1x RS232 / RS422 / RS485, each with 5V configurable Digital Input: 8 x 24VDC Digital Output: 8 x 24VDC, 100mA (single) or 400mA (complete) loadable 1x extension connector (RJ45) - 7 extension modules connectable 1x miniPCI express slot	•	•
	1x USB 2.0 (external accessible)	–	optional
<b>Ext. Monitor port</b>	1x HDMI 1.4a	•	•
<b>Display</b>	15": LED TFT, 4:3, 1024 x 768 pixel, brightness ≤ 400 cd/m <sup>2</sup>	•	•
	19": LED TFT, 5:4, 1280 x 1024 pixel, brightness ≥ 350 cd/m <sup>2</sup>	•	•
	24": LED TFT, 16:9, 1920 x 1080 pixel, brightness ≤ 300 cd/m <sup>2</sup>	•	•
<b>Touch</b>	glass, resistive	•	•
<b>RAID system</b>	RAID1 configuration (mirrored system, quick release cartridge for two SSD's and second 2.5" SSD, min. 64 GB necessary, needs miniPCI express slot)	– <sup>(1)</sup>	optional <sup>(2)</sup>
<b>WiFi</b>	WLAN Client Interface (802.11 a/b/g/n)	– / •	optional
<b>User identification</b>	RFID reader 13,56 MHz and 125 kHz	•	•
	LEGIC reader with ID badge holder	–	optional
	Fingerprint reader	–	optional
	Mifare reader	–	optional
	Euchner reader	–	optional
	Euchner electronic key system EKS (available on demand)	–	optional
<b>Lock</b>	Rittal standard	•	•
<b>Power supply</b>	100 – 240 VAC (Phoenix plug) No powercable is included in delivery!	•	•
<b>Power rating</b>	max. 70W	•	•
<b>Current rating</b>	max. 1A	•	•
<b>Mounting</b>	Adapter console Rittal CP 60 (holder for mounting bracket included)	•	•
<b>Housing</b>	Aluminum	•	•
<b>Protection class</b>	HLT15Q & HLT19Q -> IP44; HLT24Q -> IP42 (regarding EN 60529)	•	•
<b>Operating system</b>	Windows Embedded Standard 7: 64 Bit	•	optional
	Windows 7 Pro: 32 Bit / 64 Bit	–	optional
	Windows Embedded Standard 7: 32 Bit / 64 Bit	–	optional
<b>Size / Weight</b>	15": 484 x 368 x 70 mm / 12 kg / 26,5 lb (without options, weight of configured options to be added)	•	•
	19": 583 x 434 x 70 mm / 15 kg / 33,0 lb (without options, weight of configured options to be added)	•	•
	24": 732 x 434 x 70 mm / 21 kg / 46,3 lb (without options, weight of configured options to be added)	•	•

Type	Model	Ordering No.
Standard	HLT15Q	8434 2300 00
Standard	HLT15Q-W <sup>(3)</sup>	8434 2300 10
Standard	HLT19Q	8434 2300 20
Standard	HLT19Q-W <sup>(3)</sup>	8434 2300 30
Standard	HLT24Q	8434 2300 40
Standard	HLT24Q-W <sup>(3)</sup>	8434 2300 50

Type	Model
Configurable	HLT15Q
Configurable	HLT19Q
Configurable	HLT24Q

**i** For individual configurations please contact your local sales representative

<sup>(1)</sup> Standard RAID upgrade kit is with 128 GB SSD size only  
<sup>(2)</sup> RAID upgrade kit is with the customer specified SSD size  
<sup>(3)</sup> Available with WiFi